CONSTRUCTION NEWS

Engineering News-Record, Oct. 22, 1925

Some of the Week's Large Projects

AMONG the announcements for the current week of proposals, bids desired and received and contracts awarded, are the following big jobs:

Proposed Work

Railroad, Alabama, Alabama, Tennessee & Northern R.R. Co. plans 78 miles extension, $10,000,000.

Railroad, Kansas and Texas, Chicago, Rock Island & Pacific R.R. Co. making preliminary plans for 145 mi. line, $10,000,000.

Office, San Francisco, Calif., Hunter, Dulin & Co. plan 25-story building, $5,000,000.

Roadwork, Pine Bluff, Ark., Jefferson Co. making preliminary plans, $4,000,000.

Bridge, Bathe, Me., State Hy. Dept. making plans for bridge over Kennebec River, $3,000,000.

Theatre, Chicago, Ill., M. Wolbach had plans prepared, $3,000,000.

Office, Chicago, Ill., Denford Building Corp. plans 16-story building, $3,000,000.

Water works improvement, Nashville, Tenn., City Bd. Pub. Wks. making preliminary plans, $3,000,000.

Park Improvement, New Orleans, La., Comn. Council plans purchase of 1,055 acres and improving, $2,000,000.

Building, San Francisco, Calif., Treas. Dept., Washington, D. C., having preliminary plans prepared, $2,000,000.

Hospital, Soldiers Home, Calif., Treas. Dept. Washington, D. C., having plans prepared, $1,500,000.

Bids Wanted On Big Jobs

Theatre and Store, Chicago, Ill., J. Eberson, archt., soon takes bids, $3,000,000.

Hotel, San Francisco, Calif., Weeks & Day, archts., soon takes bids, $2,500,000.

Chapel, Princeton, N. J., Princeton University taking bids, $1,500,000.

Club and store, Chicago, Ill., Michaelson & Rognstod, archts., soon takes bids, $1,500,000.

Apartment, Chicago, Ill., Nov. 1 by R. S. De Golyer & Co., archts., $1,500,000.

Store, Youngstown, O., Dec. 1, Strouss-Hirshburg, $1,500,000.

Office and store, Oakland, Calif., M. I. Diggs soon takes bids, $1,000,000.

Large Contracts Let During Week

Subway, New York, N. Y., Bd. Transportation to C. H. Locher, $7,666,222.

Reclamation work, Belmont, Calif., San Francisco Bay Terminals Co. to United Dredging Co., $5,000,000.

Hotel, Oakland, Calif., United Income Properties Co. to L. J. Cohn, $2,000,000.

Apartment, Chicago, Ill., S. Cole, et al., to Longacre Eng. & Constr. Co., $2,000,000.

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

Bids Close			See Eng. News-Record
WATERWORKS			
Oct.	23	Long Island City, N. Y.	Oct. 15
Oct.	23	New York, N. Y.	Oct. 15
Oct.	23	Brooklyn, N. Y.	Oct. 15
Oct.	24	Wickliffe, O.	Oct. 22
Oct.	26	Glen Gardner, N. J.	Oct. 8
Oct.	27	Maitland, Fla.	Oct. 1
Oct.	27	Spindale, N. C.	Oct. 8
Oct.	27	Piedmont, Mo.	Oct. 8
Oct.	28	Ft. Pierce, Fla.	Oct. 8
Oct.	28	Cleveland, O.	Oct. 22
Oct.	29	Malden, Mo.	Oct. 8
Oct.	29	Ashton, Neb.	Oct. 22
Oct.	29	Detroit, Mich.	Oct. 22
Oct.	30	Staunton, Ill.	Oct. 22
Oct.	30	Milwaukee, Wis.	Oct. 22
Nov.	2	Paso Robles, Calif.	Oct. 22
Nov.	2	Alliance, O. Adv. Oct. 22.	Oct. 22
Nov.	3	Louisville, Miss.	Oct. 22
Nov.	3	Cleveland, Miss.	Oct. 22
SEWERS			
Oct.	23	Buffalo, N. Y.	Sept. 24
Oct.	23	Buffalo, N. Y.	Oct. 1
Oct.	23	Glen Cove, N. Y.	Oct. 15
Oct.	23	New Haven, Conn.	Oct. 22
Oct.	27	Jersey City, N. J. Adv. Oct. 15 and 22.	Oct. 15
Oct.	27	Phila., Pa.	Oct. 22
Oct.	28	Cleveland, O.	Oct. 1
Oct.	28	Willow (Mail South Park), O.	Oct. 1
Oct.	28	Brooklyn, N. Y.	Oct. 22
Oct.	28	Cleveland, O.	Oct. 22
Oct.	29	New York, N. Y.	Oct. 22
Nov.	2	Wauchula, Fla.	Oct. 8
Nov.	9	North Brunswick, N. J. Adv. Oct. 22.	Oct. 22
Nov.	16	Hamilton, Ont.	Oct. 15
Nov.	16	Little Falls, N. J.	Oct. 22
Nov.	17	St. Louis, Mo.	Oct. 22
Dec.	2	New Orleans, La. Adv. Oct. 8 to 22.	Oct. 8
BRIDGES			
Oct.	27	Miami, Fla.	Oct. 1
Oct.	30	Missouri	Oct. 22
Oct.	30	Bossier, La.	Oct. 22
Nov.	2	Jersey City, N. J. Adv. Oct. 15 and 22.	Oct. 15
Nov.	3	Oklahoma	Oct. 22
Nov.	5	Paola, Kan.	Oct. 15
Nov.	9	Kingman, Kan.	Oct. 15
Nov.	9	Cliff, Ky.	Oct. 22
Nov.	17	Wellington, New Zealand	Sept. 17
EXCAVATION, DRAINAGE IRRIGATION, LEVEES RIVER AND HARBOR			
Oct.	23	Manitoba	Oct. 22
Oct.	26	Chandler, Okla.	Oct. 15
Oct.	26	New York, N. Y.	Oct. 22
Oct.	27	Long Island City, N. Y.	Oct. 22
Oct.	27	New York, N. Y.	Oct. 22
Oct.	27	St. Charles, Mo.	Oct. 22
Nov.	3	Terra Bella, Calif.	Oct. 22
Nov.	24	Louisiana Adv. Oct. 15 and 22.	Oct. 15
Dec.	15	Mobile, Ala.	Oct. 22
Jan.	1	Brownsville, Tex.	Oct. 1
STREETS AND ROADS			
Oct.	23	Long Island City, N. Y.	Oct. 15
Oct.	25	Birmingham, Ala.	Oct. 8
Oct.	26	Michigan	Oct. 22
Oct.	26	New York	Oct. 8
Oct.	27	South Dakota	Oct. 15
Oct.	27	Cottonwood Falls, Kan.	Oct. 1
Oct.	27	Peekskill, N. Y. Adv. Oct. 8 to 22.	Oct. 8
Oct.	27	Tuckerton, N. J. Adv. Oct. 22.	Oct. 22
Oct.	27	South Dakota	Oct. 22
Oct.	27	Long Island City, N. Y.	Oct. 22
Oct.	27	Oregon	Oct. 22
Oct.	28	Ft. Pierce, Fla. Adv. Oct. 22.	Oct. 22
Oct.	28	Pittsburgh, Pa.	Oct. 22
Oct.	28	Harrison, Ark.	Oct. 22
Oct.	28	Brooklyn, N. Y.	Oct. 22
Oct.	29	Key West, Fla. Adv. Oct. 1 to 22.	Oct. 1
Oct.	29	Michigan	Oct. 22
Oct.	29	Santa Cruz, Calif.	Oct. 22
Oct.	29	Baton Rouge, La.	Oct. 22
Oct.	30	Missouri	Oct. 22
Oct.	30	Pennsylvania Adv. Oct. 8 and 22.	Oct. 8
Oct.	30	Guthrie, Okla.	Oct. 22
Oct.	31	Cartersville, Ga.	Oct. 22
Nov.	2	California	Oct. 22
Nov.	2	Redwood City, Calif.	Oct. 22
Nov.	2	San Diego, Calif.	Oct. 22
Nov.	3	Louisiana	Oct. 15
Nov	3	North Dakota	Oct. 22
Nov.	3	Oklahoma	Oct. 22
Nov.	3	Gulfport, Miss.	Oct. 22
Nov.	4	Freehold, N. J. Adv. Oct. 22.	Oct. 22
Nov.	4	Bronxville, N. Y. Adv. Oct. 22.	Oct. 22
Nov.	5	Paola, Kan.	Oct. 15
Nov.	6	Kansas City, Kan.	Oct. 15
Nov.	6	New York, N. Y. Adv. Oct. 22.	Oct. 22
Nov.	9	Kentucky	Oct. 22
Nov.	9	California	Oct. 22
Nov.	9	Kingman, Kan.	Oct. 22
Nov.	10	Louisiana	Oct. 1
Nov.	10	St. Louis, Mo.	Oct. 22
Nov.	12	Florida Adv. Oct. 22.	Oct. 22
Nov.	13	Garden City, Kan.	Oct. 22
Nov.	15	Madison, Ind.	Oct. 8
Nov.	16	Sanford, Fla. Adv. Oct. 22.	Oct. 22
Nov.	24	Louisiana	Oct. 8
BUILDINGS—INDUSTRIAL			
Oct.	26	Camden, N. J.	Oct. 22
Oct.	30	Detroit, Mich.	Oct. 22
BUILDINGS—COMMERCIAL			
Oct.	25	Chicago, Ill.	Oct. 15
Oct.	26	St. Paul, Minn.	Oct. 15
Oct.	26	New York, N. Y.	Oct. 22
Oct.	26	Camden, N. J.	Oct. 22
Oct.	28	Phila., Pa.	Oct. 22
Oct.	28	Baltimore, Md.	Oct. 22
Oct.	30	Steilacoom, Wash.	Oct. 22
Oct.	31	Russellville, Ark.	Oct. 22
Nov.	1	Chicago, Ill.	Oct. 22
Nov.	2	Wash., D. C.	Oct. 22
Nov.	4	Webster City, Ia.	Oct. 1
Nov.	9	Knoxville, Tenn.	Oct. 22
Nov.	15	Aurora, Ill.	Aug. 27
Dec.	1	Youngstown, N. Y.	Oct. 22
BUILDINGS—EDUCATIONAL, RELIGIOUS			
Oct.	23	London, Ont.	Oct. 15
Oct.	26	West Haven (Br. New Haven), Conn.	Oct. 15
Oct.	26	College Park, Md.	Oct. 22
Oct.	27	Blackwood, N. J.	Oct. 22
Oct.	28	Marshalltown, Ia.	Oct. 8
Oct.	28	Lawrence, Kan.	Oct. 8
Oct.	28	Los Angeles, Calif.	Oct. 22
Oct.	29	Flat Rock, Mich.	Oct. 22
Oct.	31	Detroit, Mich.	Oct. 22
Nov.	5	Memphis, Tenn.	Oct. 22
Nov.	5	Woodhaven (Br. Jamaica), N. Y.	Oct. 22
Nov.	6	San Antonio, Tex.	Oct. 22
Nov.	16	Birmingham, Ala.	Oct. 22
Dec.	1	Duluth, Minn.	Oct. 1
FEDERAL GOVERNMENT WORK			
Oct.	23	Derrick Boat—Jacksonville, Fla. Adv. Oct. 1 to 22.	Oct. 1
Oct.	26	Gates—Louisville, Ky. Adv. Oct. 1 to 22.	Oct. 1

Bids Close		See Eng. News-Record
Oct.	27 Turbines—Washington, D. C. ..... Oct.	1
	Adv. Oct. 1 to 22.	
Oct.	27 Laundry Equipment—Memphis, Tenn. ..... Oct.	15
Oct.	27 File Boxes — Wash., D. C. ..... Oct.	15
Oct.	27 Bridge—New Mexico ..... Oct.	22
Oct.	27 Lighting Plant — New Orleans, La. ..... Oct.	22
Oct.	28 Repairing Dredge—Galveston, Tex. ..... Oct.	1
	Adv. Oct. 1 to 22.	
Oct.	28 Storehouse-Puget Sound, Wash. ..... Oct.	8
Oct.	29 Rehabilitating — Boston, Mass. ..... Oct.	8
Oct.	29 Breakwater—Chicago, Ill. Oct.	15
	Adv. Oct. 15 and 22.	
Oct.	30 Floors—Florence, Ala. ... Oct.	22
Nov.	4 Paving—San Diego, Calif. Oct.	8
Nov.	5 Hull—Wilmington, Del. ... Oct.	8
	Adv. Oct. 8 to 22.	
Nov.	5 Post Office—Montclair, N. J. ..... Oct.	15
	Adv. Oct. 15 and 22.	
Nov.	9 Metal Gates—Florence, Ala. ..... Oct.	15
	Adv. Oct. 15 and 22.	
Nov.	9 Hospital—Stapleton (Staten Island P. O.), N. Y. ..... Oct.	15
Nov.	12 Dredging — Rio Vista, Calif. ..... Oct.	22
Nov.	12 Post Office—Fulton, N. Y. . Oct.	22
	Adv. Oct. 22.	
Nov.	14 Dwelling—Mayport, Fla. . . Oct.	22
Nov.	16 Power Plant—Yuma, Ariz. Oct.	15
Nov.	16 Derrick Boat—Milwaukee, Wis. ..... Oct.	15
	Adv. Oct. 15 and 22.	

UNCLASSIFIED

Oct.	27 Steel Ferry Boats—Boston, Mass. ..... Oct.	1
Dec.	8 Steel Supports—Wellington, New Zealand ..... Oct.	1

MATERIALS

Oct.	23 Steel Castings—New York, N. Y. ..... Oct.	15
Oct.	23 Broken Stone—Long Island City, N. Y. ..... Oct.	15
Nov.	4 Piling, etc.—Grand Forks, N. D. ..... Oct.	22
Nov.	9 Wire—Wellington—New Zealand ..... Sept.	17
Nov.	9 Cable—Melbourne, Australia ..... Aug.	20

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Fla., Dade City—Voted $80,000 bonds, extending waterworks. L. R. Douglas, city clk.

N. C., Shelby — Plans to sell $200,000 bonds Oct. 21, enlarging water plant.

Miss., Biloxi—See "Streets and Roads."

Miss., Hazelhurst—Voted $80,000 bonds, waterworks and sewer improvements, incl. 5 mi. additional water mains, etc. $20,000 bonds, paving various roads, and $140,000 bonds for schools.

Tenn., Nashville—Bd. Pub. Wks., retained J. N. Chester Engineers, Union Bank Bldg., Pittsburgh, Pa., to prepare plans and specifications waterworks improvements, incl. mains, filtration plant, reservoir, etc. $3,000,000.

O., Cleveland—See "Streets and Roads."

Ill., Greenville—Soon takes bids pumping equipment, distribution mains, etc. Drilling 2 deep wells, to A. Benjamin, 1101 Missouri Ave., East St. Louis, $6,870. Noted June 30.

Kan., Rossville—Defeated $39,000 bonds for waterworks. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, Mo., engrs. Noted Oct. 1.

Kan., Toronto—Making preliminary plans complete waterworks and distribution system, also sanitary sewers, etc. in various streets. $70,000. F. E. Devlin, 614 Bitting Bldg., Wichita, engr.

Tex., Bryan—Voted $25,000 bonds waterworks improvements, incl. tank and tower, etc. J. B. Miller, Bryan, mayor. Noted Sept. 10.

Tex., Mt. Pleasant — Soon takes bids waterworks improvements. $50,000. J. V. Moore, mayor.

Okla., Dawson—Election Oct. 20, $35,000 bonds new waterworks, securing water from Spavinaw Conduit, at Mohawk. Holway Eng. Co., Wright Bldg., Tulsa, engrs.

Calif., Mount Shasta (mail Weed) — Made plans 400,000 gal. concrete, steel or wood tank, and 10 in. pipe line. $27,500 available. H. B. Ream, city engr.

BIDS DESIRED

Fla., Lake Worth—Palm Lake Corp. taking bids 100,000 gal. elevated tank, etc. G. Kingsley, Lake Worth, ch. engr.

Miss., Cleveland—Nov. 3, by Mayor and Bd. Aldermen, centrifugal ball bearing pump, 600 gal. capacity per minute against 125 head, directly connected to 30 hp. ball bearing electric motor, 2,200 volts, etc. L. M. Guynes, Cleveland, city clk.

Miss., Louisville—Nov. 3, by Mayor and Bd. Aldermen, 1 story, 18 x 30 ft., brick pump house, and 500,000 gal. rein.-con. reservoir. F. A. Livingston, Louisville, engr.

La., Kenner — Oct. 26, by City, new waterworks improvements, incl. 2 oil pumping units, 45,400 ft., 2- to 8-in. c.i. pipe, 100,000 gal. tank on tower, and 300,000 gal. rein.-con. covered reservoir. H. A. Mentz, Hammond, engr.

O., Alliance—Nov. 2, by F. D. Miller, dir. Pub. Serv., West End High Pressure Main, incl. 10,944 ft. 4- to 24-in. c.i. mains, etc. H. E. Anderson, city engr.; adv. E. N.-R. Oct. 22

O., Cleveland — Oct. 28, by Bd. Comrs. Cuyahoga Co., 4,560 ft. 6 and 8 in. c.i. mains in Lotus and East 142nd Sts., to exceed $15,000; and 6,100 ft. 6 and 8 in. c.i. mains in East 154th St., south of Miles Ave., to exceed $25,000. F. Williams, Court House, engr.

O., Wickliffe—Oct. 24, by Village, 4 mi. 6 and 8 in. c.i. mains in various streets. $75,000. Sterling Eng. Co., 7016 Euclid Ave., Cleveland, engrs.

Mich., Detroit — Oct. 29, by Dept. Purchases & Supplies, Marquette Bldg., 500 double nozzle Detroit fire hydrants, and five hundred 6 in. gate valves, for Fire Dept.

Ill., Staunton — Oct. 30, by City Clerk, earth dam, concrete spillway, core wall, bridge intake, 4,000 sq.yd. brick paving on dam, 8,000 ft. 12 in. c.i. pipe, two 500,000 gal. unit filter plant, steam heating plant, 200,000 gal. concrete reservoir, 100,000 gal. tank on tower, two 700 g.p.m. 100 ft., one 500 g.p.m. 40 ft. one 500 g.p.m. 125 ft. and one 1,000 g.p.m. 125 ft. head wet ft. head motor driven pumps, also 2 mi. transmission line and 2 mi. telephone lines, etc. W. A. Fuller Co., 1917 Ry. Exch. Bldg., St. Louis, Mo., engrs. Noted Oct. 15.

Wis., Milwaukee—Oct. 30, by Central Bd. Purchases, City Hall, 12 tons special castings.

Neb., Ashton—Oct. 29, by G. L. Polski, village clk., waterworks system, incl. 35,000 gal. tank on 100 ft. tower to balcony (alternate A) 40,000 gal. or (alternate B) 50,000 gal. tank on 100 ft. tower to balcony; 6,804 ft. 4- to 8-in. Class B, McWane precalked joint, or Delavaud Class "150" c.i. pipe, etc. $19,000. Henningson Eng. Co., Natl. Bldg., Omaha, engrs.

Ark., North Little Rock (Ind. br. of Little Rock)—See "Contracts Awarded."

Calif., Paso Robles — Nov. 2, by City Council, waterworks, incl. septic tank, outfall and connecting sewer lines, 3 m.g. concrete reservoir, and 6,000 lin.ft. 10 in. c.i. pipe. $30,000 available. W. W. Hughes, city engr.

BIDS RECEIVED

N. Y., Brooklyn — N. J Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, Oct. 13, mains, etc. in Battery, Miller, 8th and 23rd Aves., Q. S, Coleman, Hendrickson and Kimball Sts., here, from Grippo Contg. Co., 85 Webster Ave., Long Island City, $20,900. Noted Oct. 8.

N. Y., Long Island City — N. J. Hayes, comr. Water Supply Gas & Electricity, Municipal Bldg., New York City, Oct. 13, mains, etc. in 38th Ave. and 11th St., here, from Stanby Constr. Co., Steinway Ave., $29,365. Noted Oct. 8.

N. Y., New York — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains, etc. in Dongan Pl., Bennet, 5th, 1st, Lenox, Madison and 7th Aves., Leak, Croton, West 139th, 165th and 215th Sts., from Beaver Eng. & Contg. Co., 57 Chambers St., $28,131. Noted Oct. 8.

N. Y., St. George — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, Oct. 16, mains, etc. in Bay and Canal Sts., St. Pauls and Midland Aves., etc., here, from G. V. Cornell, Rosebank, S. I., (unofficial) $60,032. Noted Oct. 8.

Pa., Phila.—Bd. Pub. Wks., Bureau of Water, Oct. 13, Oakland Pumping Station, 1 story and basement, 32 x 36 ft., brick and steel, Chelton Ave. and 5th St. Contr. 775, from Kober Constr. Co., 34 South 17th St., $19,676; 3 motor driven centrifugal pumps for Oak Lane Booster Station, Constr. 776, from Acme Machine Co., 316 North 17th St. $16,834, piping, for same, from Dravo Doyle Co., Schaff Bldg., 812-760; and intake at Torresdale Pumping Station, 4,000 cu.yd. earth and 50 cu.yd. rock excav., 345 ft. 7 in. concrete pipe, 400 cu.yd. concrete, 40,000 lb. iron and steel fixtures, etc., Contr. 778, from Leeds & Derham, 6320 Wissahickon Ave., $44,888. Noted Oct. 8.

Wis., Milwaukee—Dept. Pub. Wks., Oct. 7, 6- to 16-in. c.i. mains in various streets. Notice 190, from H. O. Schaefer & Sons, 1149 East Mason St., Green Bay, $18,626; Notice 191, from Kehrein Bros., 1304 11th St., $22,170. City furnishes pipe.

CONTRACTS AWARDED

N. Y., Brooklyn — N. J .Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains, etc. in Hampton Ave., here, to Knight & DeMicco, 448 East Tremont Ave., New York City, $32,325. Noted Oct. 15.

Md., Baltimore—Bd. Awards, c.i. pipe and fittings, to Warren Fdry. & Pipe Co., Phillipsburg, N. J., for Bureau Water Supply, $177,085. Noted Oct. 1.

O., Columbus—Comrs. Franklin Co., 6,700 ft. 6 and 8 in. c.i. mains in Sewer Dist. Mifflin 1, Contr. 64, to B. Canini, 1705 Shawnee Ave., $12,600. Noted Sept. 24.

O., Medina—See "Sewers."

Mich., Detroit — Bd. Water Comrs., 176 East Jefferson Ave., 21,030 lin.ft. 44 in. lap riveted steel water mains in Fenkell Ave., to B. Hayes, Inc., 907 Majestic Bldg., $362,122. Noted Sept. 24.

Ill., Greenville—See "Proposed Work."

Ill., Mundelein — Waterworks extensions in various streets, to R. G. Tripp Constr. Co., Herington, Kan., $48,640.

Ill., South Pekin—City, pumping station and equipment, to Layne-Bowler Co., 37 West Van Buren St., Chicago, $6,900, steel tank and tower, to Chicago Bridge & Iron Wks., 37 West Van Buren St., Chicago, $6,310.

Minn., Alexandria—H. S. Campbell, city clk., 1,750 ft. 16 in. c.i. and riveted iron pipe line from municipal power plant to Lake Agnes, to Fort Dodge Boiler Wks., Fort Dodge, Ia., $14,075. Noted Sept. 24.

Minn., Austin—D. C. Todd, secy. Water, Electric Light, Gas & Power Comn., concrete wall and slab roof for city springs (water supply source), to Larson Constr. Co., Albert Lee, $17,900. Noted Sept. 10.

Minn., Robbinsdale—S. F. Wilson, city mgr., 1 water service tapping machine, two hundred-forty ¾ in. and twelve 1 in. corporation stops, etc., to Central Supply Co., 312 South 3rd St., Minneapolis; rejected bids for 249 each stop boxes and meters. Noted Oct. 1.

Kan., Axtell—City, 2 pump houses and laying pipe, to R. Hybaskmann, Seneca; 2 wells, to Wellworks Mfg. Co., Garden City; tank on tower, to Chicago Bridge & Iron Wks., 608 South Dearborn St., Chicago, Ill.; 8,590 ft. 2- to 8-in. c.i. pipe, to Amer. Cast Iron Pipe Co., 716 Scarritt Bldg., Kansas City, Mo.; 21 valves and 36 hydrants, to Ludlow Valve Mfg. Co., 1416 R. A. Long Bldg., Kansas City, Mo.; pumps to Worthing Pump & Mchy. Co., 825 Scarritt Bldg., Kansas City, Mo.

Kan., Concordia—Waterworks extensions, to P. S. Judy, 4232 St. Johns St., Kansas City, Mo., $89,805. Noted Aug. 6.

Kan., Wathena—Waterworks and distribution system, incl. mains, hydrants, tank on tower, etc., to F. Schofner, Atchinson, $38,952. Noted Oct. 8.

Neb., Norfolk — For 200,000 gal. storage tank, to Norfolk Bridge & Constr. Co., Norfolk, $5,000.

Neb., Wilber—For 9,870 ft. 4 and 6 in. c.i. mains in Dist. 1 and 5,240 ft. 4 and 6 in. in Dist. 2, to Chambers Constr. Co., Lincoln, $19,890.

Neb., Yutan—Martin & Heyn, 744 Omaha Natl. Bank Bldg., Omaha, 33,300 ft. 2- to 8-in. c.i. mains, etc. in various streets in city of Venice (2 mi. west of here), to C. Robeck, 408 Securities Bldg., Omaha, $82,000.

Ark., North Little Rock (Ind. br. of Little Rock)—J. Matthews Co., 121 West 2nd St., Little Rock, will build waterworks, incl. several miles pipe, deep well, tank on tower, sewers, electric light line, etc., by day labor. $150,000. Private plans.

Waterworks (Continued)

Tex., Amherst — Waterworks improvements, incl. 2 wells, mains, pumps, etc., to Gnatt-Baker Co., 1116 West Main St., Oklahoma City, Okla., $45,600.

Wash., Seattle—Bd. Pub. Wks., mains in Hinds St., to Interstate Constr. Co., 1713 22nd St. S., $151,498. Engrs. est. $160,881. Noted Oct. 1.

B. C., Vancouver — City Council, 1,800 tons c.i. pipe, to Gordon & Belyea, 157 Alexander St., $107,065.

Sewers

PROPOSED WORK

Fla., Dade City—Voted $35,000 bonds, extending sewerage system. L. R. Douglas, city clk.

Miss., Hazelhurst—See "Waterworks."

La., De Ridder—Making plans sanitary sewerage system. $40,000 or more bond election soon. H. A. Mentz, Citizens Natl. Bank Bldg., Hammond, engr.

Ky., Louisville—Commissioners of Sewerage, Board of Trade Bldg., M. H. Crawford, chn., preparing plans Central Relief Drain Extension. J. B. F. Reed, ch. engr.; adv. E. N.-R. Oct. 22.

O., Cleveland—See "Streets and Roads."

Ill., Vandalia—Soon takes bids 18,000 ft. 8 and 12 in. vitr. clay pipe, sceptic tank, etc. in Sewer Dist. 3. $30,000. Beard Eng. Co., Manchester Ave., Maplewood, Mo., engrs.

Kan., Rossville—Defeated $30,000 bonds, sanitary sewers in various streets. Noted Oct. 1.

Kan., Toronto—See "Waterworks."

Mo., Macon—Voted $20,000 bonds, sewage disposal plant. W. B. Rollins & Co., 521 Ry. Exch. Bldg., Kansas City, engrs.

Mo., Rolla — Defeated $32,000 bonds, sewer extensions and disposal plant. Noted June 18.

Tex., San Antonio — Election Nov. 17, $50,000 bonds storm and sanitary sewers in various streets. I. Ewig, City Hall, engr.

Okla., Edmond—Defeated $36,000 bonds, outfall sewers and disposal plant. Peckham & James, 227 West Grand St., Oklahoma City, engrs. Noted Aug. 20.

Colo., Denver—Soon takes bids Barnum Special Sanitary Sewer. $300,000. A. K. Vickery, city engr.

Calif., Sunnyvale—Voted $25,000 bonds extending sewers in various streets. C. C. Kennedy, Call Bldg., San Francisco, engr.

Ont., Toronto — York Twp. soon takes bids sanitary, storm and trunk sewers in 2,000 ft. Beresford Ave., 2,100 ft. Ourie St. and 800 ft. St. Johns Rd., $32,772; also 8- to 10-in. vitr. tile sewers in 900 ft. French Ave., 350 ft. Thornton Ave., 850 ft. Duffern St., 1,070 ft. Willard Ave., 750 ft. Hanley Ave., 380 ft. Winfield Ave., and 750 ft. Priscilla Ave., $28,200. F. B. Goedike, 40 Jarvis St., engr.

BIDS DESIRED

Conn., New Haven—Oct. 23, by City, City Hall, sanitary and storm sewers, etc., in Alden Ave. from Chapel St. to Cleveland Rd., McKinley Ave. from Chapel St. to Fountain St., Alston Ave. from Chapel St. to Edgewood Ave. E. S. Nettleton, city engr.

N. Y., Brooklyn—Oct. 28, by J. A. Guider, boro pres., Boro Hall, storm water sewer in Canal Ave.; combined and sanitary sewers in Stillwell Ave., 82nd and East 12th Sts.; sewers in Kings Highway, Avenue K East 55th, East 62nd, East 9th, East 57th, 70th, 81st, West 10th and 93rd Sts., Mansfield and Caton Pls. and 11th Ave.

N. J., Little Falls — Nov. 16, by Twp. Com., extending sewerage system. $30,000. H. J. Harder, 129 Market St., Paterson, engr.

N. J., North Brunswick—Nov. 9, by Com. North Brunswick Twp., E. Applegate, chn., at Parsons School, on Mill Lane, sanitary sewerage system. R. P. Wilson, 46 Paterson St., New Brunswick, civil engr.; adv. E. N.-R. Oct. 22.

Pa., Phila.—Oct. 27, by Dept. Pub. Wks., Bureau of Engineering, removing old and constructing new sewer in Courtland St. between point 161 ft. west of 11th St. and point 30 ft. east of 12th St.; and Wingohocking sewer in Ramona Ave. between Cayuga and I Sts., also in private property to Frankford Creek. $80,000 available.

Fla., Port Pierce — See "Streets and Roads."

O., Cleveland—Oct. 28, by Cuyahoga Co., 1010 ft. 4 in. brick, segment or concrete sewers in S. O. M. Center Rd. To exceed $25,000. F. Williams, Court House, engr.

Mo., St. Louis — Nov. 17, by Bd. Pub. Serv., 3 main sewer projects which may be divided into 3 or 6 contracts. $1,000,000; adv. E. N.-R. Oct. 22.

BIDS RECEIVED

Conn., Hamden (br. of New Haven)—For 3¼ mi. sewers in Whitneyville Dist., from A. DeMarco, 61 East Main St., Plainville, tile $39,271, concrete $39,942.

N. Y., Brooklyn—J. A. Guider, boro pres., Boro Hall, Oct. 16, combined sewers in Flatlands Ave. and East 94th St., etc., from Carozzo Road Constr. Co., 22 Germania Pl., $543,076. Noted Oct. 8.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., from J. Gallo, 203 Division St., Brooklyn, sewers, etc., in Pierce Ave. $1,222; Linn St. (a) $59,407 (b) $50,504; also from Paino Marino, 32 Court St., Brooklyn, in Woodside Ave., (a) $43,867 (b) $39,747. Noted Oct. 8.

O., Cleveland — City, Oct. 7, 3,525 ft. 3 and 4 ft. sewer in Broadview Rd. from Tampa to Oak Park Aves., from Hadded & Karial Constr. Co., 415 Eagle Ave., brick $26,758, segmental block $25,661, concrete $22,079. Noted Oct. 1.

O., Medina — Medina Co., Oct. 5, sewers and watermains in Briarwood Beach, Chippewa Lake, from Lodi Concrete Co., Lodi, $51,587. Engrs. est. $60,000. Noted Oct. 1.

Ill., Wheaton—Wheaton Sanitary Dist., for North Side Intercepting Sewer, 2.5 mi. 18 and 24 in. tile sewer, from H. Rees, Quincy, $51,576. Noted Oct. 8.

Wis., Kenosha—For 4,490 ft. 24- to 42-in. rein.-con. sewers in various streets, from P. Francken, 1126 Selleck Ave., $46,984.

CONTRACTS AWARDED

Conn., Hamden (br. of New Haven) — For 3,000 lin.ft. 8 in. tile and 3,500 lin.ft. 12 in. sewer, in Dixwell Ave., to Zilly & Angelone, 17 Center Pl., Southington. Engrs. est. $25,000. Noted Oct. 1.

N. Y., Long Island City — M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sanitary trunk sewer, etc., in Amsterl Ave. from Beach 62nd St. to Far Rockaway Blvd., etc., to Necaro Co., 97 Court St., Brooklyn, $992,268. Noted Oct. 15.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, branch sewers in 75th St. between Buist and Wheeler Aves., to Sarco Contg. Co., 310 North 65th St., $14,083; and both sides of Elmwood Ave. between Island Rd. and 75th St., to W. McIntyre, 6811 North Franklin St., $16,920. Noted Oct. 8.

Md., Baltimore—Bd. Awards constructing Run Interceptor Sect. 3, in sewer Dist. H-13, Sanitary Contr. 226, to N. Martell, 417 South Eden St., Baltimore, $54,510. Noted Oct. 15.

Va., Danville—See "Buildings—Commercial."

O., Berea — For 15,500 ft. 6- to 15-in. sanitary sewer and 16,400 ft. 12- to 48-in. storm drain, etc., in district north of Bagley Rd., to Langahan Constr. Co., Marshall Bldg., Cleveland, $150,000. Noted Sept. 24.

O., Cincinnati—Director Pub. Serv., 1,675 ft. 51- to 78-in. brick sewer in Observatory Rd., to Connelly Bros., 2nd Natl. Bank, $52,965. Engrs. est. $59,100. Noted Oct. 15.

Ill., Libertyville — See "Streets and Roads."

Ill., Vandalia—Sewers in Dist. 2, 13,938 cu.yd. excav., 31,120 ft. 8- to 18-in. pipe, 32,000 lb. c.i. in manholes, etc., to Anno & Nohl, Havana, $39,456. Engrs. est. $49,000. Noted April 30.

Wis., Antigo — Bd. Pub. Wks., G. O. Palmiter, city clk., 13,806 ft. 10- to 42-in. sewers, 61 manholes and 63 catchbasins, in various streets for Unit A, etc., to E. T. Webster, 1463 Goodrich Ave., St. Paul, Minn., $48,536; and portion of 2,427 ft. 10- to 36-in. sewers, 11 manholes, etc., for Unit B, to J. Conacher & Son, $12,182. Noted Oct. 15.

Wis., Beloit—For (a) sanitary and (b) storm sewers in various streets, to C. Axelson, Clear Lake, Ia., (a) $17,295 and (b) $22,690.

Wis., Milwaukee—Dept. Pub. Wks., to P. & L. Co., 1107 Humboldt Ave., concrete and vitr. sewers in Cedar St. $1,476, 58th St. $2,110, Locust St. $1,548, and Meinecke Ave. $1,124; to G. E. Zimmermann, 3402 Grand Ave., Burleigh St. $82,079, and Center St. $4,169; to Wenzel & Henoch Co., 498 27th St., Leeds Pl. $4,169; also to Milwaukee Sewer & Drainage Co., 928 Humboldt Ave., Weil St. $686. Grand total $97,361.

Ia., Des Moines—City Clerk, 19,787 ft. 12- to 24-in. vitr. clay sewers, 39 standard manholes, one 3 unit pumping station, etc. in Beaver Avenue Sewerage System, to O. P. Herrick, 3500 6th Ave., $76,000. Noted Sept. 3.

Mo., Kansas City—Sewers in Joint Dists. 317, 318 and 319, Div. 5, to Halpin, Boyle Constr. Co., 709 Ry. Exch. Bldg., $30,397.

Mo., University (Ind. branch of St. Louis) —City Clerk, several miles 6- to 21-in. sanitary sewers, etc. North and South Joint Sewer Dist., to F. C. Stolle Constr. Co., Buder Bldg., St. Louis, $27,089. Noted Oct. 1.

Ark., North Little Rock (Ind. br. of Little Rock)—See "Waterworks."

Ark., Siloam Springs — See "Streets and Roads."

Tex., Schulenburg—Sewerage system, to Kirkwood, Wharton & Lee, 456 Main Ave., San Antonio, $25,633; disposal plant, to W. L. Weinan, Fort Worth, $9,945. Noted Sept. 10.

Okla., Collinsville—For 17,000 ft. 15 in. vitr. clay outfall sewers to sewage disposal plant, to H. L. Cannady & Co., 1122 South Lewis St., Tulsa, $26,789. Engrs. est. $25,000.

Calif., Huntington Park — Vitr. lateral sewerage system, to J. Chutuk, Wilcox Bldg., Los Angeles, $143,295. Noted Oct. 15.

Calif., Los Angeles — See "Streets and Roads."

Calif., San Carlos — For 6- to 12-in. vitr. sewers in various streets, to H. E. Conner, 705 East Lindsay St., Stockton, $25,122.

Waste Disposal

PROPOSED WORK

La., New Orleans—Comn. Council plans complete garbage collection and disposal system, incl. acquisition 4 incinerators with equipment, etc.

CONTRACTS AWARDED

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., refuse destructor on Betts Ave., near Laurel Hill Blvd., to Hudson City Eng. & Constr. Co., 25 Hunterspoint Ave., $295,600; plumbing, to T. E. O'Brien, 6311 5th Ave., Brooklyn, $6,172. Noted Sept. 17.

Bridges

PROPOSED WORK

Me., Bath — State Hy. Dept., Augusta, making plans steel truss double deck highway bridge over Kennebec River, here. $3,000,000. J. A. L. Waddell, 150 Bway., New York City, engr. Noted Apr. 16 under "Maine."

N. J., Camden—State Hy. Dept., Trenton, making plans bascule bridge, here. $400,000. Harrington, Howard & Ash, Orear-Leslie Bldg., Kansas City, Mo., engrs.

North Carolina and South Carolina — Southern Pacific Ry., 1300 Penn Ave., Wash., D. C., B. Herman, ch. engr., plans 6 heavy bridges to replace lighter ones in North Carolina and South Carolina, one of bridges to be 625 ft. long over Yadkin River, near Idols between Winston-Salem and Charlotte, N. C.

North Carolina — State Hy. Comn., Raleigh, plans 2 bascule spans 3,900 ft. bridge over Bogue Sound, between Beaufort and Morehead City, Carteret Co.; bridge over Catawba River, between Catawba and Alexander Counties, Federal Aid Project 627, Alexander Co., $100,000; and 8,300 ft. concrete pile substructure and creosoted superstructure for 8,300 ft. bridge with 200 ft. steel draw span over lower Chowan River, Federal Aid Project 109 B, Bertie Co. C. M. Upham, Raleigh, engr.

Fla., Tampa—Making plans bridge over Hillsborough River, on Michigan Ave. $312,000. R. D. Martin, City Hall, engr.

Tex., Albany—See "Streets and Roads."

Tex., Breckenridge — See "Streets and Roads."

Tex., Clarksville — See "Streets and Roads."

Tex., Graham—See "Streets and Roads."

Tex., Groveton—See "Streets and Roads."

Tex., Georgetown — See "Streets and Roads."

Tex., Houston—See "Streets and Roads."

Bridges (Continued)

Tex., La Grange — See "Streets and Roads."

Tex., Lubbock—See "Streets and Roads."

Tex., San Angelo — See "Streets and Roads."

Tex., San Antonio — Election Nov. 17, $100,000 bonds rein.-con. and steel bridge, on Grand Ave., 7th and Market Sts. I. Ewig, City Hall, city engr. Noted Sept. 10.

Tex., Sweetwater — See "Streets and Roads."

Okla., Cherokee — Alfalfa Co. rejected bids Bridge 262, 60 ft. steel and concrete, Bridge 263, 40 ft. steel and concrete, Bridge 264, 30 ft. steel and concrete, and Bridge 266, 24 ft. steel and concrete, all 18 ft. wide. Will readvertise. E. Stout, co. clk.

BIDS DESIRED

Fla., Sanford—See "Streets and Roads."

La., Bossier—Oct. 30, by A. W. Prince, secy. Bd. Comrs. Gravity D. D. 1, Bossier Parish, for bridge, 1,200 lin.ft .treated piling, 26,500 lb. structural steel, 4,260 lb. reinforcing, etc. A. B. Purnell, 336 1st Natl. Bank Bldg., Shreveport, engr.

Ky., Cliff—Nov. 9, by State Hy. Dept., Frankfort, three 199 ft. and one 70 ft. steel span bridge on rein.-con. piers and abutments, on Federal Aid Project 133-B, here, Floyd Co. Separate bids on superstructure and substructure. E. N. Todd, highway engr.

Kan., Kingman — See "Streets and Roads."

Neb., Omaha — Union Pacific R.R. Co., and Union Stock Yards Co., 1416 Dodge St., taking bids and open same about Oct. 27, replacing old timber and steel bridge with 2,400 ft. steel, concrete and stone bridge, 27th and L Sts. $360,000.

Missouri—Oct. 30, by State Hy. Dept., Jefferson City, concrete and steel bridges in Madison, Laclede, Lincoln, Dunklin, Washington, Reynolds, Clark, Butler, Texas, Iron, Dent, Howard and Mississippi Counties. B. H. Piepmeier, ch. engr.

Tex., Anderson — See "Streets and Roads."

Oklahoma—Nov. 3, by State Hy. Dept., Oklahoma City, 5 span, 148 ft., bridge at Big Cabin, Craig Co., $28,000, 6 span, 134 ft., bridge at Jefferson, Grant Co., $32,000, 4 span, 122 ft. bridge at Agawam, Grady Co. $35,000, 3 span, 72 ft. bridge at Howe, Le Flore Co., $28,000, 3 span, 88 ft. bridge at Mulhall, Logan Co., $25,000, 3 span, 69 ft. bridge at Southard, Major Co., $25,000, 4 span, 102 ft. bridge at Orlando, Noble Co., $28,000, 4 span, 96 ft. bridge at Delaware, Nowata Co., $25,000, 4 span, 96 ft. bridge at Alluive, Nowata Co. $25,000, 4 span, 88 ft., bridge at Chelsea, Rogers Co., $25,000, all foregoing rein.-con. on concrete piers; 6 span, 244 ft. bridge at Yeager, Hughes Co., $58,000, 6 span, 240 ft. bridge at Weleetka, Hughes Co., $65,000, 1 span, 96 ft. bridge at Caston, Le Flore Co., $28,800, 4 span, 330 ft. bridge at Wister, Le Flore Co., $45,000, 3 span, 156 ft. bridge at Red Rock, Noble Co., $37,000, 2 span, 120 ft. bridge at Oolagah, Nowata Co., $37,500, 3 span, 160 ft. bridge with 200 ft. pile trestle, at Antlers, Pushmataha Co., $65,000, all foregoing steel truss on concrete piers. J. M. Page, highway engr.

BIDS RECEIVED

R. I., West Warwick (mail Warwick)—State Bd. Pub. Rds., Providence, Oct. 7, Bridge 28, 80 ft. span, rein.-con. arch, known as Centerville Bridge, here, from L. E. McLaughlin, Inc., 220 Jefferson Ave., New London, Conn., $43,500.

Arkansas—See "Contracts Awarded."

CONTRACTS AWARDED

Mass., Southwick—Dept. Pub. Wks., Boston, concrete bridge on section highway, here, to G. H. Stebbins, North Adams, $38,050.

Connecticut—J. A. MacDonald, comr. State Hy. Dept., Hartford, to Holbrook Co., Westbrook, 58 ft. span concrete bridge over Niantic River, in East Lyme and Waterford $8,800, 26 ft. concrete bridge over Niantic River, in East Lyme $17,197, 108 ft. span steel truss bridge over Shepaug River, in Washington. $17,197. Noted Sept. 24.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, 2 span, 102 ft. steel encased bridge (replacing timber bridge) over Cobbs Creek Parkway at 65th St., to M. and J. B. McHugh, 892 North Markoe St., $72,959. Noted Oct. 8.

N. C., Chimney Rock — Chimney Rock Mountains, Inc., 3 rein.-con. bridges over Broad River, Cane and Poole Creeks, to Luten Bridge Co., Mercantile Bldg., Knoxville, Tenn., $93,000.

Wis., Milwaukee — Milwaukee Electric Railway & Light Co., Pub. Serv. Bldg., 700 ft. steel viaduct with double car tracks over railroad tracks and Menomonee River, on Arnauld Ave., to Wisconsin Bridge & Iron Co., North Milwaukee.

Ia., Denison — Crawford Co., 14 bridges and culverts, on 8.8 mi. Federal Aid Project 232, Sects. A and B, to Lundgren-Reis Co., 65 College Ave., Des Moines, $24,240; 14 bridges and culverts, on same, to Jensen Constr. Co., Kimballton, $22,368.

Arkansas—State Hy. Dept., Little Rock, two 70 ft. rein.-con. spans with two 30 ft. rein.-con. girder approach spans over War Eagle Creek on Huntsville-Marble Rd., two 70 ft. rein.-con. girder arches with one 30 ft. rein.-con. girder approach span over Kings River on Marble-Kingston Rd., also two 30 ft. rein.-con. arch spans and one 30 ft. rein.-con. girder approach span over Glade Creek, on Huntsville-Springdale Rd., to Meyer & Greenwald Constr. Co., Monroe, La., $28,089; 196 ft. steel and timber bridge over Cache River near Egypt, from J. W. Covington, Benton, $5,979. This corrects report in Oct. 15 issue.

Texas—See "Railways."

Washington—State Hy. Dept., Olympia, 220 ft. steel through truss span bridge with concrete approaches, etc. over Washougal River and 15 x 20 ft. rein.-con. arch culvert 64 ft. long, for La Camas Creek crossing on State Rd. 8, Clarke Co., to Union Bridge Co., 1001 Porter Bldg., Portland, Ore., $42,098. Noted Sept. 17.

California—See "Streets and Roads."

Calif., Oakland — For 2,200 lin.ft. piling also 183 ft. rein.-con. bridge, 59 ft., and culvert, 10th St., to Frederickson & Watson, 1720 8th St., San Francisco, $0.55 per cu.yd. and $33,290 respectively.

Railways

PROPOSED WORK

Alabama—Alabama, Tennessee & Northern R.R. Co., Meaher Bldg., Mobile, J. T. Cochrane, pres., plans 52 mi. extension from Reform, Pickens Co., to Glen Allen or Bazemore, Fayette Co., and 26 mi. extension to Haleyville, Winston Co., providing direct line to Meridian and Mobile, etc., extension to latter city for purpose of affording outlet through that port for which the State of Alabama has authorized issue of $10,000,000 and of which $5,000,000 has been appropriated. W. T. Toxey, ch. engr.

Kansas and Texas — Chicago, Rock Island & Pacific R.R. Co., La Salle St. Sta., Chicago, Ill., making preliminary plans 145 mi. line from Liberal, Kan., to Amarillo, Tex. $10,000,000. C. A. Morse, ch. engr.

CONTRACTS AWARDED

Texas—Gulf Coast Line Ry., L. W. Baldwin, pres., 4931 Lindell Blvd., St. Louis, Mo., 29.3 mi. railroad between Raymondville and Edinburg, here, with 20 mi. of branch and feeder lines, grading, bridging, track laying, etc., to Walker-Elder Co., Builders Exch. Bldg., San Antonio, approximately $400,000. Noted July 2.

California—Southern Pacific R.R. Co., 65 Market St., San Francisco, 24 mi. railroad from Deetz to Grass Lake, Siskiyou Co., incl. approximately 2,200,000 cu.yd. mostly rock excav., to Utah Constr. Co., Phelan Bldg., San Francisco.

Quebec—Rouyn Mines Railway Co., c/o Canadian Natl. R.R. Co., Montreal, branch line from O'Brien to mineral fields in northwestern part of province, to Foley Bros., 209 Gilfillan Bldg., St. Paul, Minn. Noted Sept. 3.

Excavation, Drainage, Irrigation, Levees River and Harbor

PROPOSED WORK

Neb., Hershey—D. D. 1, Lincoln Co., at Office H. R. Elliott, drain comr., rejected bids Sept. 29, 19,354 ft. 10- to 24-in. tile in Dist. 1, and 5,170 ft. 12- to 18-in. tile in Dist. 2, Schedule 4. Noted Sept. 24.

Tex., Orange—Orange Co., c/o C. Bennett, judge, making surveys irrigation system. $700,000 to $1,000,000. Orange Irrigation Canal Co., Orange, engrs.

Tex., Uvalde — Uvalde Co., c/o J. M. Cavender, Savinal, and A. Kincaid, Knippa, election in November $1,700,000 bonds irrigation project, incl. 4,000 acre lake 60 ft. average depth, irrigating 40,000 acres, dams, canals, etc., near here. Terrell Bartlett Engineers, 612 Calcasieu Bldg., San Antonio, engrs.

BIDS DESIRED

N. Y., Long Island City—Oct. 27, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., bulkheads, breakwater, groynes, jetties, etc. and filling in with sand, for public beach along Ocean front from 54th to 58th Sts.

N. Y., New York — Oct. 26, by M. Cosgrove, comr. Docks, Pier "A," foot of Battery Pl., dredging at West 47th St., North River, Contr. 1865.

N. Y., New York—Oct. 27, by M. Cosgrove, comr. Docks, Pier "A" foot of Battery Pl., construction concrete granite faced sea wall, along Hudson River, southerly of West 129th St., Contr. 1863.

Ala., Mobile—Dec. 15, by Alabama State Docks Comn., State Office Bldg., concrete apron wharf at Pier 2; W. L. Sibert, chn.; adv. E. N.-R. Oct. 22.

Mo., St. Charles — Oct. 27, by Hancock Bottom Drainage & Protective Dist. 1, at St. Charles Co. Court Room, 900 lin.ft. standard current retards 130,000 cu.yd. earth excav. and embankment in ditches, levees, etc. $80,000. C. E. Jacoby Eng. Co., 700 Interstate Bldg., Kansas City, engrs. Noted July 30.

Calif., Terra Bella — Nov. 3, by E. R. Clemens, secy. Terra Bella Irrigation Dist., 5,300 ft. 12 in. riveted steel 16 gauge water pipe wrapped in soil proof coverings. Also separate bids for trench.

BIDS RECEIVED

N. Y., New York—H. Bruckner, pres. Bronx Boro., Crotona Park, 3rd and Tremont Aves., Oct. 15, retaining wall on west side Harlem River, from Rose Bros., $44,719. Noted Oct. 8.

La., New Orleans — New Orleans Levee Bd., New Courthouse Bldg., Oct. 14, (1st unit) sea wall project southern shore Lake Pontchartrain from West End to Seabrook, 10,000,000 cu.yd. earthwork, (a) fills in place, (b) barren pit measurement, (c) excav. pit measurement from Reynolds Dredging Co., Maison Blanche Bldg., (a) $1,680,000 (b) $1,370,000; from United Dredging Co., 323 Security Bldg., Galveston, Tex. (c) $2,000,000. Noted Sept. 17.

CONTRACTS AWARDED

Fla., Ft. Lauderdale—W. F. Morang & Son, dredging work in connection with development channel, 100 ft. wide, to Lake Arthur Dredging Co., Lake Arthur, La., $100,000.

Wis., Fond du Lac—City Park Bd., J. Hohensee, secy., dredging in Lakeside Park, to Williams Bros., Green Bay, $25,000. Noted Sept. 17.

Calif., Belmont—San Francisco Bay Terminals Co., Chancery Bldg., San Francisco, reclaiming 3,500 acres for factory sites between Redwood City and here, 15,000,000 cu.yd. dredging, 2,236,000 cu.yd. rock removal, from Belmont Knoll, to United Dredging Co., 414 13th St., Oakland. Plans later 150 x 1,100 ft. wharf and warehouse, etc. Total est. approximately $5,000,000.

Manitoba—Provincial Government, Winnipeg, W. R. Clubb, minister Pub. Wks. 450,000 cu.yd. dredging in Shannon Creek, to F. Mannix, 529 19th Ave., W., Calgary, Alta. at $0.12 per cu.yd.

Ontario—J. W. Pugsley secy. Dept. Railways & Canals, Ottawa, constructing Youngs Point Sect. Trent Canal, to T. A. Brown & Co., Ltd., 104-5 Ontario Bldg., 169 Yonge St., Toronto. Noted Aug. 27.

Streets and Roads

PROPOSED WORK

Pa., Phila. — Dept. Pub. Wks., Bureau of Highways, rejected bids Sept. 30, grading, etc., 3,000 cu.yd. streets in 40th Ward. Will readvertise. Noted Oct. 8.

North Carolina—State Hy. Comn., Raleigh, plans clearing, grubbing and grading 4¼ mi. Project 4730 from Dunn to Cumberland Co. line, Harnett Co. $35,000. C. M. Upham, Raleigh, engr.

N. C., Waynesville—Plans paving additional streets. $75,000 bonds sold.

Ga., Columbus — Muskogee Co. election Oct. 31, $1,650,000 bonds, hardsurfacing various roads.

Ga., Dalton—Whitfield Co. election Nov. 17, $400,000 bonds, improving various roads.

Fla., Dade City — Voted $25,000 bonds grading and paving park extension. L. R. Douglas, clk.

Fla., Dade City — Voted $60,000 bonds paving 13 streets. L. R. Douglas, city clk.

Miss., Biloxi—Making preliminary plans grading, curbing and hardsurfacing 14 various streets; also waterworks extensions in 12 various streets, and "White Way" lighting system on Howard Ave. and 12 other streets. W. S. Hawkins, Gulfport, engr.

Miss., Hazelhurst—See "Waterworks."

Miss., Louisville—Soon takes bids grading, curbing and paving 10,000 sq.yd. vari-

Streets and Roads (Continued)

ous streets. F. A. Livingston, 201 Masonic Bldg., engr.

La., Lake Charles—City Council rejected bids grading, curbing and concrete paving 22 streets. Noted Sept. 24.

Tenn., Cleveland — Bradley Co. election soon $50,000 bonds improving various roads. Noted July 23.

Tenn., Nashville — Davidson Co. plans reconstructing various roads. $65,000 appropriated.

Kentucky — State Hy. Dept., Frankfort, takes bids probably latter part November, improving 0.8 mi. Cliff-Prestonsburg Rd., 24-28 ft., Floyd Co.; and Barbourville-Williamstown Rd., Knox Co. E. N. Todd, highway engr.

O., Canton — Stark Co., takes bids in spring brick paving, etc. 4 mi. Gov. Cox Highway, $140,000; and 1.7 mi. Canton-Cleveland Rd., $75,000, both 16 ft. A. M. Wise, Canton, engr.

O., Canton — Stark Co., takes bids in spring, probably brick paving Hartsville Rd. $40,000. A. M. Wise, Canton, engr.

O., Cleveland—A. B. Smythe Co., W. L. Morris, vice-pres., Smythe Bldg., making plans grading, laying sidewalks, sewers and water mains in various streets. $125,000. F. A. Pease Eng. Co., Marshall Bldg., engrs.

O., Cuyahoga Falls—Plans widening and resurfacing about 1 mi. Front St., 40 ft. $60,000. G. Ranmey, city engr.

O., Xenia — Greene Co., takes bids in spring improving 2.5 mi. Dayton and Springfield Pike $70,000, 8.5 mi. Xenia and Fairfield Pike, $150,000-$160,000, and 8.5 mi. Intercounty Highway 6, from Xenia to Warren Co. line, $150,000, all 16 ft.

Michigan — State Hy. Dept., at office Comrs. Kent Co., Grand Rapids, plans graveling 7.5 mi. Kent Co. Rd. from Grattau to Oakfield $70,000, 3 mi. Kent Co. Rd. from Parnell to Murray Lake $30,000, 2¾ mi. to Campau Lake $24,000, 3.5 mi. Courtland-Evans Road $31,500, all foregoing 20 ft.; also constructing Thornapple Bridge and fill, $65,500. G. C. Dillman, Lansing, highway engr.

Michigan — State Hy. Dept. at office Comrs. Midland Co., Midland, rejected bids graveling 5.509 mi. Trunk Line Road 18-11. Will readvertise. Noted July 30.

Wis., Milwaukee—Milwaukee Co. making plans widening Blue Mound Rd. between county line and Cotrell Ave. and probably to city limits. $150,000 or more. J. T. Donaghey, Madison, highway engr,

Ia., Cedar Rapids—Plans asphaltic concrete on concrete surfacing 26,000 sq.yd. various streets in River Park, Sampson Heights and Grand Avenue Pl. additions. $55,000. L. J. Storey, city clk.

Ia., Waverly — Plans paving about 12 blocks various streets. $55,000. F. Lee, city clk.

Kan., Ft. Scott — Bourbon Co. making plans bituminous macadam surfacing 2.993 mi. Ames-Mapleton Rd., 18 ft., Federal Aid Project 39. To exceed $25,000. B. Boyle, Ft. Scott, engr.

Mo., Caruthersville — Voted $150,000 bonds, grading and concrete paving Little Prairie Special Rd. Dist. to connect with Highway 9. Noted Sept. 24.

Mo., Clayton — St. Louis Co. soon takes bids grading, concrete repaving, etc., Clayton Rd. between St. Louis city limits and North and South Rd. $37,800. R. Jablonsky, Court House, engr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, made preliminary plans grading and paving with (a) concrete (b) brick alleys in City Blocks 3604, 3783, 4147, 4391-C, 4407, 5135, 5282, 5323, 5333, 5340, 5368, 5506, 5526, 5528, 5559, 5563, 5908, and 2586, (a) $71,800 (b) $114,000. W. W. Horner, city engr.

Mo., St. Louis — Making preliminary plans grading, curbing and probably asphalt on concrete paving road through Penrose Park between Kingshighway N. W. and West Florissant Ave. $60,000. W. W. Horner, city engr.

Mo., St. Louis — Making preliminary plans grading, curbing and hardsurfacing 12 blocks North Circle Dr., Penn, Sycamore, Moss and Doniphan Sts. W. K. Seitz, City Hall, engr.

Mo., St. Louis—Strodtman & Strodtman, 3607 North Bway., soon take bids mass grading and shaping approximately 60,000 cu.yd. streets in Good Haven subdivision at Goodfellow St. and Bircher Rd. Pitzman Eng. & Surveying Co., 615 Chestnut St., engrs.

Ark., Fayetteville — Soon takes bids grading, curbing and concrete or asphaltic concrete surfacing College St. Impvt. Dist. $26,500. E. M. Ratcliffe, Fayetteville, engr.

Ark., Pine Bluff — Jefferson Co. making preliminary plans grading and concrete surfacing 88 mi. and gravel surfacing 169 mi. various roads. $4,000,000.

Tex., Abilene—Taylor Co. making plans bituminous macadam paving 11 mi. State Highway 1, through Merkel toward Tye, 18 ft. $200,000. L. C. McCanless, Abilene, engr.

Tex., Albany—Shackelford Co. making plans grading and bridging 17.44 mi. Highway 1-A from Highway 18 to Callahan Co. line, $160,000; also bituminous macadam surfacing 12.71 mi. Highway 1-A from Albany to Stephens Co. line, Revised Federal Aid Project 6, 18 ft., $240,000. J. E. Pirie, Albany, engr.

Tex., Amarillo — Making plans paving Harrison St. from 6th to 10th Sts. and West 8th St. from Harrison to Jackson Sts. $35,000. H. B. Jones, Amarillo, engr.

Tex., Batesville — Zavalla Co. making plans hardsurfacing 13.8 mi. Highway 55, La Pryor to Uvalde Co. line, 18 ft. $125,000. W. F. Hutson, c/o City Hall, San Antonio, div. engr.

Tex., Breckenridge—Stephens Co. making plans hardsurfacing 17 mi. highway from Breckenridge to Graham Co. line, 18 ft. $400,000. G. E. Franklin, Breckenridge, resident engr.

Tex., Brenham—Washington Co. making plans rein.-con. surfacing 19 mi. State Highway 36, Somerwell - Brenham - Bellville Rd., 16 ft. $560,000. G. A. Bracher, Brenham, co. engr.

Tex., Clarksville—Red River Co making plans grading and bridging 8 mi. State Highway 5, from Avery to Annona, 26 ft. M. P. Homeyer, Clarksville, engr.

Tex., Cold Springs — San Jacinto Co. voted $1,000,000 bonds hardsurfacing 38 mi. Highway 35, from Liberty Co. line to Polk Co. line, and Highway 45 from Walker Co. line to Trinity River, 18 ft. D. M. Love, Cold Springs, co. judge.

Tex., Cuero—De Witt Co. voted $300,000 bonds hardsurfacing roads in Yorktown Dist. State and Federal Aid about $200,000. Address S. Kulawik, Cuero, co. judge. Noted Sept. 17.

Tex., Eastland — Eastland Co. making plans hardsurfacing about 9 mi. Cisco-Moran Highway, 18 ft. $160,000. G. E. Franklin, Eastland, engr.

Tex., Gatesville — Voted $40,000 bonds, paving various streets. Noted Oct. 1.

Tex., Georgetown—Williamson Co. making plans grading, bridging and rein.-con. surfacing 12 mi. State Highway 29, Leander to Travis Co. line, 24 ft. $56,600. M. C. Wilborn, Georgetown, engr.

Tex., Georgetown—Williamson Co. making plans grading, bridging and gravel surfacing 10.36 mi. State Highway 95, Taylor to Travis Co. line, 16 ft. $126,600. M. C. Welborn, Georgetown, engr.

Tex., Gonzales — Gonzales Co. making plans bituminous surfacing 28 mi. Highway 3, 16 ft. $130,000. J. G. Irby, Gonzales, engr.

Tex., Graham—Young Co. voted $400,000 bonds, grading and bridging 30 mi. highways in Precinct 1, 18 ft. W. F. Parsley, Graham, co. judge.

Tex., Groveton — Trinity Co. making plans grading, bridging, gravel and bituminous macadam surfacing 60 mi. state highways, 18 ft. $1,200,000. J. O. Booker, Groveton, engr. Noted Apr. 9.

Tex., Hillsboro—Hill Co. defeated $85,000 bonds, surfacing 7 mi. highway in Blum Dist. 16. O. Culberson, Hillsboro, co. judge. Noted Sept. 17.

Tex., Houston — Crockett Co. making plans grading and bridging 6.745 mi. State Highway 19, Crockett to South Line Rd. Dist. 3, Federal Aid Project 485-C, $31,350; also 8.79 mi. State Highway 19, Federal Aid Project 485-D, $39,075, both 26 ft. F. J. Von Zuben, Crockett, engr.

Tex., Kaufman — Kaufman Co. making plans 9 ft. concrete paving 10.8 mi. State Highway 40, and amesite surfacing bridges. $152,170. S. J. Treadway, Terrell, engr.

Tex., La Grange — Fayette Co. making plans grading and five bridges over 20 ft. span on 10 mi. State Highway 44, 26 ft. $50,000. R. E. Schiller, La Grange, engr.

Tex., Lubbock — Lubbock Co. making plans grading, bridging and caliche surfacing about 18 mi. Highway 7 and 53, 18 ft. $400,000. S. G. Garrett, Lubbock, engr. $200,000 bond issue available to be supplemented by State and Federal Aid.

Tex., Menard—Menard Co. making plans gravel surfacing 14 mi. Highway 23 from Menard to Kimble Co. line, 18 ft. $100,000. Address County Engineer.

Tex., San Angelo — Tom Green Co., making plans asphaltic macadam paving 27 mi. Highway 9, 14 mi. Highway 30, 16 mi. Highway 90 and 14 mi. Highway 70, $1,000,000. State and Federal Aid appropriates $500,000 toward cost. J. Gresham, San Angelo, state div. engr. Noted Oct. 1.

Tex., San Antonio — Election Nov. 17, $400,000 bonds opening and widening certain business streets, also $250,000 bonds permanent paving business and residence streets. I. Ewig, City Hall, city engr.

Tex., San Antonio—Bexar Co. takes bids after Oct. 25, improving 8.8 mi. Highway 3, Federal Aid Project 359, Medio Creek to Medina Co. line, 18 ft. $149,000. A. C. Pancoast, 102 Turner St., San Antonio, engr. Noted Oct. 15.

Tex., Seguin—Guadalupe Co. making surveys bituminous macadam surfacing 19.8 mi. Highway 3-A, from Seguin to Caldwell Co. line. $300,000. H. J. Caulfield, Seguin, engr.

Tex., Slanton—Making surveys paving 20 blocks various streets. $100,000. Gantt-Baker Co., 1116 Main St., Oklahoma City, Okla., consult. engrs.

Tex., Sweetwater — Nolan Co. making plans grading and bridging 5 mi. State Highway 70, Sweetwater to Fisher Co. line, 26 ft. $30,000. J. A. Focht, Sweetwater, co. engr.

Okla., Chickasha—Plans grading, curbing and sheet asphalt surfacing 6,800 sq.yd. 1st and 2nd Sts. $27,600. R. O. Bradley, Chickasha, engr.

Okla., Perry—Plans grading, curbing and concrete paving 13,700 sq.yd. North 7th and South 4th Sts. $41,300. C. A. Wood, Stillwater, engr.

Oklahoma — State Hy. Dept., Oklahoma City, making surveys grading, etc., 3 mi. State Highway 1, 30 ft. Woodward Co. $35,000. J. M. Page, highway engr.

Oklahoma—State Hy. Dept., Oklahoma City, rejected bids grading, etc., 5.469 mi. road west of Enid, 30 ft., Federal Aid Project 180, Garfield Co. $26,500. J. M. Page, highway engr. Noted Oct. 1.

Okla., Oklahoma City — Plans curbing, widening and concrete surfacing 8,870 sq. yd. Bway. $47,000. B. M. Hart, City Hall, engr.

Wash., Seattle—Comrs. King Co., rejected bids Oct. 3, grading and 7 in. concrete paving 18,824 sq.yd. Benson Rd. $45,000. T. R. Beeman, 602 37th St., engr. Noted Oct. 8

Calif., Los Angeles — Los Angeles Co. plans grading and concrete paving 2.01 mi. Olive St. from Main St. to Compton City, $82,236, and 0.95 mi. Wilmington and Los Angeles Rd., $39,494; grading, curbing, guttering, sidewalks, and oiling 0.36 mi. Lucile St. from Long Beach Boundary to Wilmington St., $53,530, and 1.93 mi. Aranbe Ave., etc., $44,347. G. Jones, Hall of Records, engr.

Calif., Los Angeles—Bd. Pub. Wks., takes bids about Nov. 8, grading, curbing, guttering, sidewalks and sheet asphalt and asphaltic concrete on concrete paving 9th St., from Meyler to Weymouth Sts., 94th St. from Figueroa to Vernan Sts., and 3rd Ave. from Washington to Adams Sts. To exceed $25,000. J. C. Shaw, City Hall, engr.

Calif., Oakland—Soon takes bids grading and oil macadam paving 123,323 sq.ft. Bay Farm Island Rd. W. W. Harmon, city engr.

Calif., San Rafael — Marion Co. making plans grading and rock surfacing, etc. 3 mi. road from Hicks Valley to foot of Wilson Grade $30,000, 4.4 mi. portions of Red Hill and Bolinas Rds. $28,250, 7 mi. Point Keyes Rd. from Flood Gate west to Mendosas $30,000, 9 mi. Tiburon Blvd. from Tiburon to Corte Madera $73,100, 5.4 mi. Bolinas and Olema Rds. $60,000, 15.4 mi. road from Millerton and Fallon, $140,000; grading and paving, etc. 15.5 mi. White's Hill $410,960, 5.3 mi. road from Tomales east to county line $112,650, 6.2 mi. road from Novato north on Hicks Valley Rd. $114,500, and 1.3 mi. Point San Pedro Rd. $30,000; grading, etc. 1.8 mi. Santa Venetia Rd. $25,000, 4.8 mi. Portions Chileno Valley and Salmon Creek Rds. $26,500, 7 mi. road from Mill Valley to Stinson Beach $77,500, and 9 mi. Fairfax Alpine Rd. $74,350. J. C. Oglesby, San Rafael, co. surv.

Que., Black Lake — Voted $75,000 bonds for paving, sewers, etc. in various streets.

Que., Dorval—Voted $35,000 bonds for paving, sewers, etc. in various streets.

Que., St. Joseph D'Alma—Voted $163,000 bonds for paving, sewers, etc. in various streets.

B. C., North Vancouver — Making plans 8 mi. highway from 2nd Narrows Bridge to top of Grouse Mountain. $60,000-$80,000. Hawkins & Horle, 626 Pindar St., West Vancouver, engrs.

BIDS DESIRED

New York — Nov. 6, by A. W. Brandt, comr. highways, Albany, constructing highways in Allegany, Dutchess, Orleans and Warren Counties; and reconstructing highways in Albany, Broome, Dutchess, Monroe, Montgomery and Nassau Counties; adv. E. N.-R. Oct. 22.

Streets and Roads (Continued)

N. Y., Bronxville—Nov. 4, at office Westchester Co. Park Comn., 72 West Pondfield Rd., grading, etc., Silver Lake Parkway Dr. from Westchester Ave. (city line of White Plains) to Hancock St. J. Downer, ch. engr.; adv. E. N.-R. Oct. 22.

N. Y., Brooklyn—Oct. 28, by J. A. Guider, boro pres., Boro Hall, asphalt on 6 in. concrete paving Brooklyn and 21st. Aves., Cortelyou Rd., North 15th, 16th, 67th, 74th, and 77th Sts.; grading, curbing and flagging Empire Blvd. (where not completed), 21st Ave., 67th, 72nd, and 74th Sts.; grading Essex St.

N. Y., Long Island City — Oct. 27, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., grading, curbing, sidewalks, and sheet asphalt on concrete paving Fosdick Ave., Barclay, Haspel (Wool), 53rd, 54th, Slocum, and 130th Sts., sheet asphalt on concrete paving Harold Ave., 104th and 114th Sts.; grading and sidewalks on Mymaud Pl., 104th and 114th Sts. and grading Harkow Pl.

N. J., Freehold — Nov. 4, by Township Committee, Court House, R. C. Clayton, chn., gravel on slag surfacing 2,258 cu.yd. various streets. G. K. Allen, Jr., 60 Broad St., Red Bank, engr.; adv. E. N.-R. Oct. 22.

N. J., Tuckerton—Oct. 27, by Boro Council, Council Rooms, T. Plaro, boro clk., concrete curbing and sidewalks on various streets. J. M. Abbott, boro engr.; adv. E. N.-R. Oct. 22.

Pa., Phila.—Oct. 20, by Dept. Pub. Wks., Dept. Highways: (Schedule A), grading 18,588 cu.yd. Large, Tabor and Wakeling Sts.; (Schedule B), asphalt paving 32,187 sq.yd. 6 streets; (Schedule C), vitr. brick paving 742 sq.yd. Ruan St.; (Schedule D), improving country road, improving 1,080 sq.yd. 13th St.; (Schedule E), granite block repaving 40,358 sq.yd. 7 streets; (Schedule F), furnishing and delivering 2,000 tons crushed pebbles; (Schedule G), furnishing and delivering 2,000 tons binder slag; (Schedule H), furnishing and delivering 2,500 cu.yd. sand for asphalt paving mixture; (Schedule J), paving and repaving certain alleys in 1st Highway Dist. J-1 and 5th Highway Dist. J-2 and 3. G. H. Biles, dir. Pub. Works.

Pa., Pittsburgh—Oct. 28, by J. P. Moore, controller Allegheny Co., asphaltic concrete paving, etc., 2,755 ft. Bellevue Rd.-Lowries Run Rd. and Cornell Ave. extensions, Ross Twp., 16-34 ft., $30,000; also 9,480 ft. Beam Rd. Contr. 2, Leetsdale, 27-30 ft., $90,000. Dept. Pub. Wks., 519 Smithfield St., engrs.

Ga., Cartersville—Oct. 31, by Bd. Aldermen, curbing, guttering and vitr. brick, concrete, sheet asphalt, asphaltic concrete, Finley sheet asphalt or Finley Method Type A surfacing 24,137 sq.yd. various streets. K. T. Thomas, 308 Wyonee Cloughton Bldg., Atlanta, engr.

Florida — Nov. 12, at office State Road Dept., Tallahassee, improving roads, and building bridges in various counties. J. L. Cresap, highway engr.; adv. E. N.-R. Oct. 22.

Fla., Port Pierce—Oct. 28, by C. C.Burry, aud.-clk., grading, paving, curbing, guttering, laying sidewalks, storm and sanitary sewers in various streets. W. A. Smith, city mgr.; adv. E. N.-R. Oct. 22.

Fla., Sanford — Nov. 16, by Comrs. Seminole Co. at office V. E. Douglass, clk. Circuit Court, grading, paving, and bridging 42 mi. highway. J. Meisch, chn.; adv. E. N.-R. Oct. 22.

Miss., Gulfport—Nov. 3, by Bd. Supervs. Harrison Co., 2 in. Warrenite bitulithic, 3 in. sheet asphalt or 7 in. rein.-con. surfacing 86,600 sq.yd. Magnolia Route, north to city limits. $150,000. W. S. Hawkins, County Court House, engr. Noted Oct. 1.

La., Baton Rouge — Oct. 29, by Comn. Council, grading, curbing guttering and 2 in. Warrenite bitulithic on 5 in. concrete paving 21,722 sq.yd. 4 streets. J. W. Billingsley, City Hall, consult. engr.

Kentucky—Nov. 9, by State Hy. Dept., Frankfort, waterbound macadam, waterbound macadam on sandstone, or bituminous macadam on sandstone surfacing 2 mi. Barboursville-Williamsburg Rd., 14 ft., State Project 22-A, Knox Co.; and grading, etc., 0.91 mi. Prestonsburg Rd. to bridge over Levisa Fork River at Cliff, 24 and 28 ft., Federal Aid Project 133-A, Floyd Co. E. N. Todd, highway engr.

Michigan—Oct. 26, by State Hy. Dept. at office Comrs. Oscoda Co., Alpena, graveling 3 mi. State Trunk Line Road 10-9 D. G. C. Dilman, Lansing, highway engr.

Michigan—Oct. 29, by State Hy. Dept., at office Comrs. Roscommon Co., Roscommon, graveling 11.967 mi. Federal Aid Road 134 A. G. C. Dillman, Lansing, highway engr.

Kan., Garden City — Nov. 13, by Clerk Finney Co., grading and sand clay surfacing, etc. 5.833 mi. Federal Aid Project 248-C, 18 ft. B. L. Allen, Garden City, co. engr. Noted May 21.

Kan., Kingman—Nov. 9, by Clerk Kingman Co., improving 1.004 mi. Federal Aid Project 245-A, 30 ft., 3,378 cu.yd. excav., 42,400 cu.yd. borrow, etc., also Bridge 1, eighteen 30 ft. deck girder spans, incl. 174,-421 lb. reinforcing, and Bridge 2, ten 30 ft. deck girder spans, 101,480 lb. reinforcing. C. C. Martin, Court House, engr.

South Dakota — Oct. 27, by State Hy. Dept., Pierre, graveling 18,000 cu.yd. State Aid Project 108, Day Co.; 9,000 cu.yd. State Aid Project 104, Roberts Co.; and 6,000 cu.yd. State Aid Project 105, Grant Co. T. Soleglad, acting highway engr.

North Dakota — Nov. 3, by State Hy. Comn., and Comrs. Ward Co., Court House, Minot, **(F. A. P. means Federal Aid Project)**, grading, clearing and grubbing 8.615 mi. road from Mountrail and Ward Co. lines to Berthold, F.A.P. 227; 5.888 mi. road from Renville and Ward Co. line and south, F.A.P. 226; 7.844 mi. road from Minot to Logan, F.A.P. 270B; 9.575 mi. road from Burke and Ward Co. lines to Kenmare, F.A.P. 228.

Missouri—Oct. 30, by State Hy. Dept., Jefferson City, 707,095 cu.yd. earth and 50,951 cu.yd. rock excav., 37,448 cu.yd. concrete, 13,193 cu.yd. chats and 72,344 cu.yd. gravel surfacing roads in various counties. B. H. Piepmeier, ch. engr.

Mo., St. Louis — Nov. 10, by Bd. Pub. Serv., 208 City Hall, grading Frederick St. between Bittner and Fred Kraft addition, $3,200; Graham St. between Berthold and Oakland Sts., $2,400; Magnolia St. between Ecoff and McCausland Sts., $5,400 and Skinker St. between Delmar and Olive Sts., $19,520. W. W. Horner, 300 City Hall, engr.

Ark., Harrison—Oct. 28, by City, grading, curbing and asphalt or concrete surfacing 13,000 sq.yd. streets in Dist. 1, and concrete paving, etc., 6,000 sq.yd. in Dist. 2. E. M. Ratcliffe, Fayetteville, engr. Noted Aug. 27.

Tex., Anderson—Grimes Co. taking bids grading, bridging and bituminous macadam surfacing 8.75 mi. road from Roans Prairie to Walker Co. line. $150,400. O. A. Seward, Jr., Navasota, engr. Noted Aug. 20.

Oklahoma—Nov. 3, by State Hy. Dept., Oklahoma City, improving 97 mi. Highway 6, 30 ft., 53,760 cu.yd. earth and 3,985 cu.yd. rock excav., 37,780 cu.yd. borrow, 11,360 cu.yd. overhaul, 37.4 tons reinforcing, etc. $38,000. J. M. Page, highway engr.

Okla., Guthrie—Oct. 23, by G. L. Anderson, city clk., grading, curbing and 2½ in. brick on 5 in. concrete surfacing 4 blocks various streets in Paving Dist. 55. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Guthrie—Oct. 30, by E. R. Adams, clk. Logan Co., grading, etc. 13.69 mi. Guthrie-Crescent Rd., 30 ft. $78,000. J. M. Page, Capitol Bldg., Oklahoma City, highway engr.

Oregon — Oct. 27, by State Hy. Comn., Court House, Portland, grading, etc. 12.5 mi. Maker-Unity Highway (Herford-Mill Gulch Sect.), Baker Co., 15.1 mi. Oregon-Washington Highway (Lena-Vinson Sect.), Morrow and Umatilla Counties; broken stone surfacing 28.2 mi. Dallas-California Highway (Lapine-Corral Springs Sect.), Deschutes and Klamath Counties; and clearing 14.5 mi. right-of-way on Klamath Falls-Lakeview Highway (Beatty-Drews Valley Sect.), Klamath and Lake Counties. R. Klein, highway comr.

California—Nov. 9, by State Hy. Dept., Sacramento, grading 21 mi. road between Desert Center and point 4 mi. west of Hopkins Well, Riverside Co.; and asphaltic concrete paving 14.6 mi. road between Ontario and Riverside, Riverside and San Bernardino Counties. R. M. Morton, Forum Bldg., Sacramento, highway engr.

California—Nov. 2, by State Hy. Comn., Sacramento, widening and concrete paving 13.2 mi. road between Camarillo and Ventura, Ventura Co.; and concrete paving 3 mi. road between Beaumont and Banning, Riverside Co. R. M. Morton, highway engr.

Calif., Redwood City — Nov. 2, by Supervs. San Mateo Co., grading, etc., 2 mi. Hillside Blvd. G. A. Kneese, co. surv.

Calif., San Diego — Nov. 2, by A. W. Wright, city clk., improving 15th St., 42,817 sq.ft. 5 in. concrete base, 172,491 sq.ft. 1½ in. asphaltic concrete paving, etc. F. A. Rhodes, city engr. Noted Sept. 24.

Calif., San Luis Obispo—See "Contracts Awarded."

Calif., Santa Cruz — Oct. 29, by S. A. Evans, city clk., grading, curbing and 5 in. concrete paving 59,206 sq.ft. Windham St. J. K. James, city engr.

BIDS RECEIVED

Rhode Island—State Bd. Pub. Rds., State House, Providence, Oct. 14, 8 in. rein.-con. paving 4.21 mi. County Rd., Barrington and East Providence, from Lane Constr. Corp., 37 Colony St., Meriden, Conn., $191,622. Noted Oct. 1.

N. Y., New York—Dept. Parks, 64th St. and 5th Ave., reconstructing bridle paths in Central Park, etc., from L. Di Mima, 2366 Lorrilard Pl., $61,400.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., Oct. 15, widening and sheet asphalt repaving 116th St., from Brusstar Constr. Co., Harlem River and 150th St., $125,462; granite block repaving Canal St., from C. Helbock, 633 Wales Ave., $21,469; sheet asphalt repaving Whitehall St., from Uvalde Asphalt Paving Co., 1 Bway., $52,785. Noted Oct. 8.

Md., Baltimore — Bd. Awards, Oct. 14, steel asphalt paving 20,200 sq.yd. streets listed in Contr. 305-OCNA, from Baltimore Asphalt Block & Tile Co., 1320 North Monroe St., $102,233; concrete paving 9,060 sq.yd. streets in Contr. 306-OANA, from C. J. Spielman Co., Maryland Ave., Westport, Baltimore, $25,327. Noted Oct. 8.

O., Cincinnati — Hamilton Co., Oct. 9, grading, curbing and concrete paving 46,250 sq.yd. Dugan Gap Rd., from J. Gradison, North Bend Rd., $272,096. Engrs. est. $295,706. Noted Oct. 1.

O., Cleveland — City, Sept. 30, improving **(1)** East 47th St. **(2)** East 46th St. **(3)** East 144th St. **(4)** East 122nd St. **(5)** East 185th St. **(6)** Worthington Ave. **(7)** Western Ave. **(8)** East 147th St. **(9)** East 105th St. **(10)** West 140th St. **(11)** East 88th St. (1 to 11 inclusive) involves 51,290 sq.yd. bituminous asphalt, 27,500 lin.ft. stone curbing, 28,160 lin.ft. 4 in. drain tile gutter, and 23,100 cu.yd. earth excav. **(12)** East 97th St. **(13)** West 37th St. **(14)** East 88th St. **(15)** West 162nd St. (12 to 15 inclusive) involves 13,335 sq.yd. bituminous asphalt, 9,050 lin.ft. stone curbing, 9,500 lin.ft. 4 in. drain tile gutter, and 8,480 cu.yd. earth excav., from Enterprise Paving & Constr. Co., 8444 Bway. **(1)** $4,673 **(2)** $4,403 **(3)** $28,841; from Highway Constr Co., Guaranty Title Bldg. **(4)** $18,543 **(5)** $10,-202 **(6)** $12,319 **(7)** $34,122; from Gould & Maybach, 16311 Saranec Rd. **(8)** $3,297 **(9)** $57,000; from Roehl Bros., 7006 Denison Ave. **(10)** $46,758; from Bentley Bros., Hanna Bldg. **(11)** $5,364; from Baldwin Bros., 4500 Euclid Ave. **(12)** $14,099 **(13)** $3,605 **(14)** $21,295 **(15)** $22,638. Noted Sept. 24.

Michigan — State Hy. Dept. at office Comrs. Antrim Co., Bellaire, graveling 3.089 mi. States Trunk Line 88-IC, from J. Telly, Conway, Mich., $45,831. Noted Sept. 24.

Michigan — State Hy. Dept. at office Comrs. Cheboygan Co., Cheboygan, graveling 7.147 mi. Federal Aid Project 172A-3, from F. McNally, Bridgeport, $55,519. Noted Sept. 24.

Michigan — State Hy. Dept. at office Comrs. Kalamazoo Co., Kalamazoo, concrete paving 8.332 mi. State Trunk Line 17-22A, from Gross Constr. Co., La Porte, Ind., $101,476.

Michigan — State Hy. Dept. at office Comrs. Calhoun Co., Marshall, concrete paving 5.53 mi. Federal Aid Project 144 A, from Hillding Constr. Co., Kendallville, Ind., $138,935.

Wis., Milwaukee—Dept. Pub. Wks., Oct. 9, asphalt repaving Greenfield Ave. between Layton Blvd. and 26th Ave., from Badger Constr. Co., 97 Wiscorsin St., $9,116; vibrolithic concrete paving Superior St. between Estes St. and Russell Ave., from Kroening Constr. Co., 868 Island Ave. $24,-947, 6th St. and Green Bay Ave. (connection) and concrete paving 1 alley, from A. E. Retzlaff, 868 Island Ave., $2,173 and $2,247 respectively; also concrete paving 2 alleys, from R. H. Gumz, 831 13th Ave., $6,850.

Oklahoma—State Hy. Dept., Oklahoma City, hardsurfacing 60,730 sq.yd. Pawhuska-Burbank Rd., Federal Aid Project 152, 18 ft., Osage Co., from J. J. Harrison, Continental Bldg., Oklahoma City, $119,646. Engrs. est. $125,000. Noted Oct. 1.

Calif., Alhambra — From Williams Constr. Co., 7603 Hampton St., Los Angeles,

Streets and Roads (Continued)

improving Hellman Ave., 31,870 cu.yd. grading at $0.45 per cu.yd., 27,070 sq.ft. sidewalks $0.16, 542,080 sq.ft. 6 in. paving at $0.177, total $136,310.

Calif., Eureka — Grading, 5 and 6 in. vibrolithic concrete paving 7th St., from Englehart Paving & Constr. Co., Eureka, $81,954. Engrs. est. $70,879.

Calif., Mill Valley — Improving Cascade Dr., 14,197 yd. grading, 46,000 sq.ft. concrete paving, 513 tons asphaltic concrete, etc., from A. G. Raisch, 46 Kearny St., San Francisco, $78,606.

Calif., Monterey—From J. J. Janes, 435 10th St., Richmond, improving Main St., 98,500 sq.ft. 6 in. concrete paving $0.238 per sq.ft., 3,800 lin.ft. concrete curbing $0.60, 28,500 sq.ft. concrete walks $0.18, etc., total $35,272.

Calif., Redwood City — From Raisch Impvt. Co., 46 Kearny St., San Francisco, improving Wallnridge, Schwerin Sts., etc., 9,000 cu.yd. grading at $0.80 per cu.yd., 9,560 ft. concrete curbing and guttering $0.90, 5:0 ft. armored curbing $0.85, 216,900 sq.ft. 2 in. Durite asphaltic concrete on 4 in. rock macadam paving $0.213, total $66,845; from Hanrahan Co., Standard Oil Bldg., San Francisco, Whipple and Edgewood Aves., 200,899 sq.ft. 5 in. concrete paving $0.20 and 9,140 lin.ft. integral curbing $0.35; from A. J. Crocker, 58 2nd St., San Francisco, Jackson, Fulton, Cleveland Sts., etc., 7,888 lin.ft. curbing and guttering $0.85 per lin.ft., 3,885 lin.ft. concrete guttering $0.50, 207,806 sq.ft. 4 in. asphaltic concrete on 3 in. broken rock paving $0.198.

Calif., Stockton—San Joaquin Co., from Irey & Holden, Lodi, improving Farmington-Escalon Rd., 16,600 cu.yd. grading at $0.30 per cu.yd., 11,450 tons base course gravel $1.50, 8,350 tons top course gravel $1.75, etc., total $36,899; from W. Moreing, Stockton, George Roach Rd., 6,800 yd. grading $0.27 5,900 tons gravel base course $2.20, 2,000 tons gravel, top course $2.50, 930 tons dressing $2.50, 920 bbl. asphaltic oil $3.25, etc., total $25,191.

CONTRACTS AWARDED

Mass., Brighton (Boston P. O.)—Dept. Pub. Wks., Boston, bitulithic paving Kirkwood St., here, to J. C. Coleman & Son, 1620 Tremont St., Roxbury. Engrs. est. $25,000. Noted Sept. 24.

Mass., Medford (Boston P. O.)—Mayors Office, Medford Bldg., Medford Sq., concrete paving Main St., to Coleman Bros., 49 Medford St., Charlestown, $3.25 per yd. Engrs. est. $25,000. Noted Oct. 1.

Mass., West Roxbury (Boston P. O.) — Dept. Pub. Wks., Boston, sheet asphalt or bitulithic paving and sewerage works in Morton St., to J. C. Coleman & Sons, 1620 Tremont St., Roxbury, $144,122. Noted Oct. 1.

Connecticut—J. A. MacDonald, comr. State Hy. Dept., Hartford, paving section highway from Middletown-Portland Bridge to Bridge on Little River, in Middletown, to L. Suzio Constr. Co., Meriden, $31,600; 3 in. asphalt on 6 in. concrete paving 1,745 sq.yd. intersection of Howe Ave. and Bridge St., in Shelton, to Silliman & Godfrey, 133 Admiral St., Bridgeport, $9,000. Noted Sept. 24.

Conn., Middletown—Grading 26,000 cu.yd. River Rd., to L. Suzio Constr. Co., State St., Meriden, $27,000.

Pa., Phila. — Dept. Pub. Wks., Bureau of Highways, to R. B. Wenner, 2313 Walnut St., grading Eastwick St. between 61st and 63rd Sts. $21,025, to Curtis Bros., State Rd. and Unruh, Kendrick St. between Frankford and Hegerman Sts., $7,639; to Mack Paving & Constr. Co., Nicetown Lane and Luzerne St., asphalt paving B St. between Wyoming and Louden Sts. $9,303, Clearview St. between Johnson and Cliveden Sts. $7,543, Wellsley St. between Emlen and Jefferson (Cherokee) Sts. $6,328, to Barber Asphalt Co., 239 North 30th St., Bigler St. between 13th and Broad Sts. $9,570, Conlyn St. between York Rd. and 16th St. $8,689, Nedro St. between 19th and Kemble Sts. $9,914, Randolph St. between Johnston and Bigler Sts. $6,581, Sharpnack St. between Chew and Belfield Sts. $21,509, Stenton St. between Sheldon and East Logan Sts. $7,301, Torresdale St. between Vankirk and Robbins Sts. $71,158, 13th St. between Lindley and Ruscomb Sts. $6,911, to Eastern Asphalt Co., 1504 Penn Bldg., Jenks St. between Cooper and Bath Sts. $1,357, Lycoming St. between N and O Sts. $8,677, Torresdale St. between Kennedy and Foust Sts. $35,142, asphalt repaving 16th St. between Passyunk and Porter Sts., $26,207; to B. Fisher Co., Inc., 20th and Venango Sts., improving country road Decatur St. from Red Lion Rd. north to Bridge $19,158, to Union Paving Co., 30th and Locust Sts., Pattison St. between Broad and 10th Sts. $44,889, Pattison St. between 10th and 7th Sts. $33,158; to United Paving Co., Real Estate Bldg., redressed granite block repaving 15th St. between Porter and Shunk Sts., and 16th St. (track area) between Washington and Moore Sts. $25,884, to C. G. Centrone, Jefferson Bldg., 12th St. between Ellsworth and Read Sts., and 12th St. (track area) between S. H. L. South and N. C. L. Ellsworth Sts. $22,402, and 12th St. between Reed and Porter Sts., $53,933; to Barton Constr. Co., 1713 Sansom St., grading, paving, etc., Rising Sun Ave. between Knorr St. and Cottman Ave., and grading Ferndale St. between Rhawn and Stanwood Sts., $65,256; and to Van Sciver Corp., Parkway and 24th St., furnishing crushed pebbles, $7,400. Grand total $536,934. Noted Oct. 1.

Md., Baltimore — Bd. Awards, grading, curbing, granite block paving 550 sq.yd. and concrete paving 13,140 sq.yd. streets in Contr. 304-OCOANA, to G. Long Contg. Co., 1st Ave. and 12th St., $39,880; grading, curbing, and sheet asphalt paving 12,100 sq.yd. streets in Contr. 303-OCOA, to Amer. Paving & Contg. Co., Montebello Ave., $63,411. Noted Oct. 15.

W. Va., Glenville—Gilmer Co., grading 3.5 mi. Glenville Dist. line North Third Rd., and 6 mi. Sand Fork-Braxton Co. line Rd., to C. E. Price, 2750 Division St., Huntington, $55,261 and $87,307 respectively. Noted Sept. 17.

Miss., Aberdeen — Improving various streets, 20,400 sq.yd. 2 in. Warrenite on 4 in. concrete and 7,000 sq.yd. on present gravel surfacing, etc., to Southern Roads Co., 104 North 17th St., Birmingham, Ala., $81,861; and 13,000 sq.yd. 6 in. one course concrete surfacing, curbing, guttering, etc., to Brannin & Son, Aberdeen, $38,098. Noted Sept. 24.

Miss., Armory — Improving various streets, 294,000 sq.ft. sidewalks, 22,000 sq. ft. crossing, and 77,000 ft. curb and gutter, to Camp Constr. Co., Armory, $89,528. Noted Sept. 10.

Miss., Charleston—Curbing and concrete paving 17,600 sq.yd. various streets, to Koehler Bros., 17 West Court Ave., Memphis, Tenn., $34,489.

Miss., Columbus—Grading, curbing and sheet asphalt on concrete surfacing 106 blocks, 12 various streets, to Morgan Hill Paving Co., Woodward Bldg., Birmingham, Ala. Noted Oct. 1.

Miss., Gulfport — Bd. Supervs. Harrison Co. improving Old Spanish Trail (Beach Blvd.), 24,900 sq.yd. 2 in. Warrenite bitulithic, 24,900 sq.yd. reconstruction on old shell, 3,000 cu.yd. shell, 210 ft. 15 in. culvert pipe, etc., also 12,000 sq.yd. seal coating, 15 tons binder, 20 tons sheet asphalt, etc., to Volunteer Life Bldg., Chattanooga, $41,406 and $3,040 respectively. Noted Sept. 24 and Oct. 1.

Miss., Louisville—Grading, curbing and brick on concrete surfacing 8,000 sq.yd. various streets, to Merrill Constr. Co., Louisville, approximately $25,000.

La., New Orleans — Comn. Council, to Southern Uvalde Rock Asphalt Co., Inc., Carondelet Bldg., Uvalde rock asphalt paving 18,560 sq.yd. Marengo St., 5,190 sq.yd. 2nd St., 12,130 sq.yd. Valence St., 23,230 sq.yd. Franklin St., 930 sq.yd. St. Andrew St., 950 sq.yd. Robertson St., 2,610 sq.yd. South Robertson St.; to M. J. Flynn, 7820 Spruce St, vitr. brick paving 11,650 sq.yd. Poydras St. (upper side), 10,400 sq.yd. St. Bernard Ave. from North Claiborne to St. Claude Sts., and 1,310 sq.yd. St. Bernard Ave. from St. Claude to Rampart Sts., 2,640 sq.yd. Poydras St. from South Claiborne Ave. to Bernard St., 18,500 sq.yd. Melpomene St., also sub-surfacing, etc., 4,034 sq.yd. St. Bernard Ave. and 12,900 sq.yd. South Claiborne St.; to Craven & Lange, Carondelet Bldg., sheet asphalt paving South Claiborne St. from Calhoun to Napoleon Sts., and 13,000 sq.yd. Claiborne St. from Napoleon to Louisiana Aves., oil asphalt paving 830 sq.yd. General Pershing St., and bituminous concrete paving 9,640 sq.yd. Audubon Blvd.; ot Grasser Constr. Co., Canal-Commercial Bldg., rein.-con. paving 2,610 sq.yd. South Johnson St. Noted Aug. 27.

La., Opelousas—Uvalde rock asphalt on old wooden block paving various streets, to Gulf Coast Constr. Co., Opelousas, at $1.05 per sq.yd.

La., Shreveport — To Flenniken Constr. Co., Cahn Bldg., grading, curbing, guttering and Uvalde rock asphalt paving 3,086 sq.yd. Lillian St. $11,756, 1,590 sq.yd. St. Luke St., $6,363, 3,330 sq.yd. Dale St. $11,619; to Southern Roads Co., 104 North 17th St., Birmingham, Ala., asphaltic concrete paving 804 sq.yd. Carrie Belle Ave., $3,285; and 3,904 sq.yd. Gladstone Blvd., $13,915. Grand total $46,938.

Kentucky — State Hy. Dept., Frankfort, grading, etc. 8.235 mi. Hazard-Jackson Rd., 24 and 28 ft., Federal Aid Project 138-A, Perry Co., to Codell Const. Co., Winchester, Ky., approximately $270,000; bituminous surfacing 3.253 mi. Piner-Bracht Rd., 16 ft., State Aid Project 105-A, Kenton Co., to G. E. Miller, Visalia, $73,343. Noted Sept. 17.

O., Cincinnati — Director Pub. Serv., improving Madison Rd., 3,950 sq.yd. vitr. brick, 7,600 sq.yd. asphalt, 1,950 cu.yd. concrete, 4,500 lin.ft. granite curbing, 2,000 lin.ft. cement sidewalks, etc., to Scully-Brehm Co., 1011 Atlas Bank Bldg., $76,360. Engrs. est. $88,410. Noted Oct. 15.

O., Cincinnati — Curbing, laying sidewalks and granite block repaving 2,100 sq. yd. Central Ave., to Cino Constr. Co., 221 West 9th St., $21,103, engrs. est. $33,558; grading, curbing and laying sidewalks on 300 lin.ft. Stewart Pl., to O'Connell & Sweeney, Florence Ave. and Concord St. $25,219, engrs. est. $27,180. Noted Oct. 1.

O., Cleveland — To Roehl Bros., 7008 Denison Ave., grading, curbing, guttering and vitr. brick paving Kerns Ave. $5,306, Milan Ave. $15,159, Thrush Ave. $57,633; to Cleveland Trinidad Paving Co., The Arcade, 2 sections East Boulevard $103,385, bituminous asphalt paving Kolar Ave. $6,539, to Baldwin Bros., 4500 Euclid Ave., Larchwood Ave. $15,339, Normandy Ave. $4,316, Sedalia Ave. $27,309, to Highway Constr. Co., Guaranty Title Bldg., Lydian Ave. $12,939, Princeton Ave. $15,036, Sector Ave. $12,495, to H. G. Herring, Wayside Rd., Mandalay Ave. $15,563, to Gould & Maybach, 16113 Saranec Rd., Royal Rd. $19,767, Ruple Rd. $11,383, Tanner Ave. $6,291, to Bentley Bros., Hanna Bldg., Tellers Ave. $18,674. Grand total $347,135. Noted Sept. 24 and Oct. 1.

O., Columbus — W. H. Duffy, dir. Pub. Serv., laying necessary mains, sewer connections and concrete paving 289.7 ft. alley west Ann St., to R. J. Dienst, 480 South 5th St. $1,882, 558 ft. alley north Hudson St., and 697 ft. alley north Hanford St., to Yale Ave. Constr. Co., 146 Yale Ave., $3,069 and $3,279 respectively; asphalt paving 1,607 ft. 14th Ave., to Fitz-Pugh Constr. Co., Columbus $20,296, 1,620 ft. Racine Ave., and 1,338 ft. Warren Ave., to Franklin Asphalt Paving Co., 209 South High St., $19,688 and $10,042 respectively, 4,414 ft. Spring St., to B. F. Patterson, 1214 Neil Ave., $20,198; 2,230 ft. 6- to 18-in. sewers, etc. in Margaret St., to A. F. Riley, 1220 Esper St. $5,584, 1,860 ft. 8 in. sewer, etc. in alley south Sullivant Ave., to H. S. Bosler Constr. Co., 1504 Mulford Ave., $2,310. Grand total $86,348. Noted Oct. 1.

O., Lisbon — Columbiana Co., brick on concrete paving East Liverpool-Wellsville Rd., to G. B. Patterson, Wellsville, $50,404. Engrs. est. $50,000. Noted May 28.

O., Youngstown—Mahoning Co., bituminous macadam paving Lincoln Park-Coitsville Center Rd., to N. B. Putnam, Columbus, $40,229, engrs. est. $40,000; improving River Rd. in Milton Twp., to V. Mango, Niles, $60,423, engrs. est. $60,000.

Ill., Libertyville — Improving Brainerd Ave., Church St., etc., 5,550 cu.yd. excav., 6,400 ft. curbing and guttering, 9,450 sq.yd. concrete paving, outfall sewers and sewage disposal plant, to J. Cope & Sons, Racine, Wis., $44,000.

Wis., Wauwatosa—Bd. Pub. Wks., A. V. Brigham, secy., to Jacobus & Winding Concrete Constr. Co., 1 State St., improving 59th St., 2,400 cu.yd. excav. at $0.85 per cu.yd., 8,000 sq.yd. rein.-con. paving $2.08, 120 sq.yd. stone block paving $4. Noted Oct. 1.

Ia., Denison — Crawford Co., improving 8.8 mi. Federal Aid Project 232-A and B, 312,250 cu.yd. excav., 100,000 cu.yd. station overhaul, etc., Sect. A, to G. W. Condon, 510 Farnam Bldg., Omaha, Neb., at $0.1175 per cu.yd., Sect. B, to Thompson & Humphreys, Omaha, Neb., at $9.18 per cu.yd.

Ia., Des Moines—Curbing 15,770 ft. Des Moines St., to Potts Bros., 1602 York St., at $0.408 per ft.; 6,635 ft. Maple St. and 4,750 ft. Hutton St., to E. J. Callahan, 1309 Ascension St., at $0.422; and 2,983 ft. 38th St., to S. A. Bakalyar, 1341 39th St. at $0.447.

Ia., Hamburg — Grading, curbing and rein.-con. surfacing 1 mi. various streets, to M. L. Flinn, Grain Exch. Bldg., Sioux City, at $2.05 per sq.yd. Noted Sept. 25, 1924.

Ia., Mondamin — Curbing and guttering 6,300 ft. and paving 8,000 sq.yd. various

Streets and Roads (Continued)

streets, to Western Asphalt Paving Corp., 1st and Nebraska Sts., Sioux City, $25,364. Noted Oct. 1.

Ia., Sac City—Sac Co., to J. J. Thomson, 5619 Jones St., Omaha, Neb., improving Project S-19, 38,200 cu.yd. earth and 125 cu.yd. loose rock excav. $8,529, Project S-41, 37,771 cu.yd. earth and 125 cu.yd. rock excav. $8,146, and Project S-42, 38,363 cu.yd. earth and 250 cu.yd. loose rock excav., $8,632. Grand total $25,307.

Ia., Sharon—Grading, curbing and 6 in. rein.-con. surfacing approximately 15,000 sq.yd. various streets, to Western Asphalt Co., 1st and Nebraska Sts., Sioux City, at $2.04 per sq.yd.

Ia., Sioux City—To Booth & Olson, Inc., 120 Virginia St., surfacing 9,546 sq.yd. Harrison St. at $1.69 per sq.yd., 9,446 sq.yd. Nicollette St. $1.78, 1,620 sq.yd. Pierce St., $1.81, 3,772 sq.yd. Garfield St., $1.69, 29th St. to Stone Park Blvd. $1.79, and 600 sq.yd. alley in Block 8 Rose Hill, 2nd addition, $1.70; to Harrington & Jorgenson, Sioux City, 525 sq.yd. Grandview St. $1.95.

Ia., Sioux City—Woodbury Co., improving 6.847 mi. Federal Aid Project 245-A, 118,490 cu.yd. excav., 83,250 yds. overhaul, etc., to W. H. Dugan & Sons, Omaha, Neb., at $0.177 per cu.yd.; 28 culvert items, etc., to Voiles Constr. Co., Sioux City, $27,996.

Minn., Duluth — W. H. Fischer, city comr., concrete paving, etc., 14,720 sq.yd. 6th St., to Salo & Wienamaki, 1215 East 11th St., $45,290.

Kan., Hiawatha — Asphaltic concrete on present resurfacing 45 blocks various streets, to Watts Constr. Co., Concordia, at $0.99 per sq.yd.

Kan., Lyndon—Osage Co., grading, etc. 4.053 mi. Federal Aid Project 266-C, 28 ft., to Tibbetts & Tibbetts, Olathe, $32,619; 6.009 mi. Federal Aid Project 264-C, to A. L. Cook, Ottawa $9,246, also drainage and structures on same, to Alderman, Martin & Alderman, Ottawa, $9,106. Noted Sept. 3.

Kan., Oskaloosa—Jefferson Co., to T. J. Morris, Oregon, Mo., grading and culverts on 6.273 mi. Federal Aid Project 276-C, 28 ft., $54,300, 6.6 mi. Federal Aid Project 276-D, $38,340, and 5.82 mi. Federal Aid Project 268-A, $26,339, all 28 ft. Grand total $118,979. Noted Sept. 3.

Kan., Phillipsburg — Improving various streets, 4,300 cu.yd. excav., 5,496 sq.yd. concrete walks removed, 12,867 sq.yd. trimming and rolling subgrades, 12,687 sq.yd. brick on concrete surfacing, etc., to H. J. Taylor, Belleville, $45,855. Noted Aug. 27.

Kan., Wichita — Improving various streets, 11 concrete paving jobs and 4 alleys, to Globe Constr. Co., 1069 North Water St., $69,562; 6 asphaltic concrete and 4 sheet asphalt street paving jobs, to H. T. Ritchie, 124 North Fountain St., $55,134.

Nebraska—State Dept. Pub. Wks., Lincoln, **(F. A. P. means Federal Aid Project)**, to Central Bridge & Constr. Co., Wahoo, gravel surfacing 9.6 mi. F. A. P. 49-A, Dakota Co. $27,437, 8 mi. F. A. P. 80-A, Grant Co. $13,356, 12.7 mi. F. A. P. 242-B, Morrill Co. $18,730, 1.6 mi. F. A. P. 277-A, Grant Co $1,929, to Koehler Lumber & Coal Co., Sterling, 4 mi. F. A. P. 107-F, Sarpy Co. $8,912, 8.6 mi. F. A. P. 122-A, Gage Co. $23,792, to Interstate Concrete Co., Fairbury, 4 mi. F. A. P. 118-B, Jefferson Co. $11,011, to Platte Valley Gravel Co., Schuyler, 7.3 mi. F. A. P. 5, Platte Co. $10,218, and grading 13.5 mi. F. A. P. 53, Boone Co., $29,702; to Lynch & Rinehart, Sioux City, Ia., grading 3.3 mi. F. A. P. 23, Burt Co. $4,895, to L. G. Crownover, Bridgeport, 8.6 mi. F. A. P. 277-B, Sheridan Co. $20,938, to Roberts Constr. Co., First Natl. Bank Bldg., Lincoln, 8 mi. F. A. P. 25, Gage Co. $22,012, 3.48 mi. F. A. P. 72-B, Cedar Co. $11,711, to C. T. Whalen, North Platte, 6.5 mi. F. A. P. 69-A, Banner Co. $15,539, 8 mi. F. A. P. 80-A, Grant Co. $24,538, 1.6 mi. F. A. P. 277-A, Grant Co. $7,223, to S. L. Smith, Henry, 15 mi F. A. P. 267-A, Keya Paha Co. $25,370, to Martin & Clark, Scottsbluff, 1.47 mi. F. A. P. 76-E, Dawes Co. $4,398, to J. W. Wachtler, 1805 Dodge St., Omaha, 4 mi. F. A. P. 107-F, Sarpy Co., $13,193; to Reel & Kennedy, Dalton, guard rail on 6.5 mi. F. A. P. 69-A, Sarpy Co. $1,873, to Metz Constr. Co., Springfield, on 1.47 mi. F. A. P. 76-E, Dawes Co. $516, 8 mi. F. A. P. 80-A, Grant Co. $851, 15 mi. F. A. P. 267-A, Keya Paha Co. $2,336, 1.6 mi. F. A. P. 277-A, Grant Co. $718, and to Artificial Stone Co, Bruening, on F. A. P. 171-B, Fillmore Co. $1,460, also 4 mi. F. A. P. 107-F, Sarpy Co., $3,853. Grand total $306,509. Noted July 23 under "Lincoln, Neb."

Nebraska — State Hy. Dept., Lincoln, improving 23.2 mi. State Aid Project between Elwood and Stockville, Frontier Co., 149,000 cu.yd. earth excav., 130,000 cu.yd. sta. overhaul, etc., to H. Hall, Maywood, $36,172; metal culverts, to R. Cummings, Kearney, $19,288.

Neb., Lincoln—Warrenite bitulithic concrete paving 10,430 sq.yd. streets in Paving Dist. 52 (Cotner Blvd.), to Abel Constr. Co., 318 Terminal Bldg., $32,840.

North Dakota — State Hy. Comn., and Bd. Comrs. Grand Forks Co., at Court House, Grand Forks, Sept. 18, graveling, etc., Federal Aid Project 41, A, B and C, between Northwood and Thompson, 28,618 cu.yd. load, spread, etc., gravel, 94,361 cu. yd. mi. haul, 7,727 cu.yd. strip pits, to H. Adams, Grand Forks, $26,016. Noted Sept. 3.

Wyoming — State Hy. Dept., Cheyenne, crushed gravel surfacing 11.7 mi. Evanston-East Rd., Federal Aid Project 173-A, 24 ft., Uinta Co., to Wickham Bros. & Schweiger, Billings, Mont., $41,490. Engrs. est. $47,008. Noted Oct. 1.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, improving alleys in City Blocks 1562, 1570, 1645, 5364, 5429A and 5429B, to Progressive Constr. Co., 3603 Chouteau Ave., $13,018; alleys in City Blocks 3686, and 4823, to Skrainka Constr. Co., Security Bldg., $8,630; and alleys in City Blocks 4517N, to Perkinson Bros. Constr. Co., 3237 Carter St., $2,177. Grand total $23,826. Noted Oct. 8.

Arkansas—State Hy. Comn., Little Rock, single bituminous surfacing 45,725 sq.yd. Federal Aid Project 26, and 21,120 sq.yd. non federal aid section, both Johnson Co., to P. F. Connelly Paving Co., Southern Trust Bldg., Little Rock, $11,364; improving 8.55 mi. Camden-Stephens Rd., Federal Aid Project 223-A, Quachita Co., 17.26 acres clearing, 23.4 acres grubbing, 17,814 cu.yd. gravel surfacing, 56,558 cu.yd. excav., 32,770 cu.yd. overhaul, etc., to R. L. Lynch, 320 West Markham St., Little Rock, $41,226. Noted Sept. 10 and 24.

Ark., Russellville—Rein.-con. paving 44 blocks various streets, to C. E. Philot Constr. Co., Russellville, $135,000. Noted July 16.

Ark., Siloam Springs — Comrs. Paving Dist. 3, 7 in. concrete paving and storm sewers in various streets, to Stanton & Wallace, Leavenworth, Kan., $63,900 Noted Sept. 10.

Ark., Van Buren — Concrete paving various streets in Paving Dist. 6, to Kaw Paving Co., 100 Topeka Ave., Topeka, Kan., $53,266.

Tex., Alpine—Permanent paving 6th and 7th Sts., Railroad Ave., also Aves. A and D, to Uvalde Rock Asphalt Co., Frost Bank Bldg., San Antonio, $90,000.

Tex., Henderson—Rusk Co., graveling 3½ mi. Henderson-Carthage Rd. and 4½ mi. Mt. Enterprise-Timpson Rd., Highway 64, to L. M. Leath, Hemphill, approximately $50,000.

Tex., Orange — Orange Co., gravel surfacing 14 mi. highway in Precinct 4, to Martin Bros., Vidor, $58,314. Noted July 30.

Tex., Temple — Vitr. brick and concrete paving 1½ mi. business streets, to K. S. Hull, Jr., Temple, approximately $100,000. Noted Sept. 17.

Tex., Texas City—Galveston Co., 2 in. limestone rock asphalt on 6 in. rein.-con. paving 36,000 sq.yd. various streets, to S. Shambaugh, 1407 Dowling St., Houston, $162,360. Engrs. est. $175,000. Noted Oct. 15.

Oklahoma—State Hy. Dept., Oklahoma City, **(F.A.P. means Federal Aid Project, S.A.P. State Aid Project and e.e. engineers estimate)**, to Hamilton Constr. Co., Johnston Bldg., Bartlesville, grading, etc. 18.72 mi. Claremore-Chelsea Rd., 30 ft., F.A.P. 184, Rogers Co., 9,444 cu.yd. excav., 26,948 cu.yd. overhaul, 46.67 tons reinforcing, etc., $52,573 e.e. $60,000, to W. P. McCoy, Arlington, Tex., 5.47 mi. Mounds Rd., 30 ft., F. A. P. 159-D, Creek Co., 24,451 cu.yd. excav., 25,966 cu.yd. borrow, 7,953 cu.yd. overhaul, 10.12 tons reinforcing, etc., $24,354 e.e. $27,000, to D. T. Allen, Herskowitz Bldg., Oklahoma City, 5.14 mi. Wetumka Calvin Rd., F.A.P. 189-A, 30 ft., Hughes Co., 36,270 cu.yd. excav., 4,700 cu.yd. overhaul, 14.3 tons reinforcing, etc., $19,620 e.e. $26,000, 4.89 mi. same road, Sect. B, 37,371 cu.yd. excav., 4,200 cu.yd. overhaul, 12.2 tons reinforcing, etc., $22,125 e.e. $27,500, and 4.32 mi. same road, Sect. C, 35,660 cu.yd. excav., 4,100 cu.yd. overhaul, 12.1 tons reinforcing, etc., $25,780 e.e. $28,000, to Gibson & Mitchel, Pauls Valley, 5.92 mi. Sapulpa Rd., 30 ft., F.A.P. 159-C, Creek Co., 16,422 cu.yd. excav., 6,655 cu.yd. overhaul, 15.88 tons reinforcing, etc., $21,288 e.e. $26,000, 4.41 mi. Wetumka-Calvin Rd. F.A.P. 189-D, Hughes Co., 34,297 cu.yd excav., 5,920 cu.yd. overhaul, 10.3 tons reinforcing, etc., $25,469 e.e. $30,000, 4.15 mi. Setumka Rd., F.A.P. 174-B, Seminole Co., 23,884 cu.yd. excav., 1,422 cu.yd. overhaul, 8.14 tons reinforcing, etc., $25,807 e.e. $27,500, concrete surfacing 31,120 cu.yd. road 6 mi. east of Ardmore, S.A.P. 205, Carter Co., $42,245 e.e. $45,000; to J. J. Harrison, Continental Bldg., Oklahoma City, grading and surfacing 5.22 mi. Summerfield-Wister Rd., 30 ft., F.A.P. 116-D, Le Flore Co., 16,447 cu.yd. excav., 9.74 tons reinforcing, 2,700 sq.yd. concrete and 9,160 cu.yd. gravel, etc., $60,334 e.e. $65,000, to Ellis & Lewis, Muskogee, 6 mi. Coadys Bluff-Alluive Rd., 18 ft., S.A.P. 141-C, Nowata Co., 2,128 cu.yd. excav., 15.64 tons reinforcing, 10,634 cu.yd. gravel, etc., $48,876 e.e. $50,000. Grand total $368,471. Noted Oct. 1.

Okla., Kellyville—Creek Co. (Sapulpa), grading and Bates type concrete paving 9,000 sq.yd. various streets, here, to Standard Paving Co., 1742 East 6th St., Tulsa, at $2.45 per sq.yd.

Okla., Norman—Vibrolithic paving 15,700 sq.yd. various streets, to Tibbets & Pleasant, Norman, $59,316.

Okla., Okemah — Grading, curbing and concrete surfacing 12,660 sq.yd. streets in Dist. 6, and 14,780 sq.yd. streets in Dist. 5, to Park & Moran, 210 South Seminole St., Okmulgee, $36,321 and $43,329 respectively. Engrs. ests. $42,334 and $49,780 respectively.

Okla., Tulsa—Curbing and paving 1,024 sq.yd. various streets in Dist. 665 and 1,557 sq.yd. Dist. 667, to H. L. Cannady Co., 1122 South Lewis St., $6,008 and $6,969 respectively; 3,715 sq.yd. Dist. 661, and 620 sq.yd. Dist. 668, to S. Ward, 306 South Denver St., $18,064 and $3,443 respectively; 2,381 sq.yd. Dist. 669, and 3,973 sq.yd. Dist. 670, to Standard Paving Co., 1742 East 6th St., $10,628 and $17,611 respectively, 2,232 sq.yd. Dist. 671, to Western Constr. Co., Daniel Bldg., $9,691. Grand total $72,414.

Washington — State Hy. Dept., Olympia, clearing, grading, etc. about 5.07 mi. Kennewick-Richland Rd., State Rd. 3, Benton Co., to N. Rich, Prosser $33,282. 4.29 mi. State Rd. 13, Pacific Co., to A. Wallin, P. O. Box 656, Montesano, $125,856; grading, gravel surfacing, etc. 6,910 cu.yd. Woodmans Gulch-Chimacum Rd., State Rd. 9, Jefferson Co., to G. A. Banderet, Bryn Mawr, $52,851; and one course crushed gravel or rock surfacing 5,456 cu.yd. State Rd. 8, Klickitat Co., to Chenault & Wagoner, 231 Couch St., Portland, Ore., $6,220. Grand total $218,209. Noted Sept. 17.

Wash., Seattle—Bd. Pub. Wks., improving 36th Ave. S. W., et al., to Odman Contg. Co., 2534 33rd Ave. S., $28,654. Noted Oct. 1.

Oregon—State Hy. Dept., Salem, **(e. e. means engrs. est.)**, improving 7.02 mi. Euchre Creek-Rogue River Sect. Roosevelt Highway, Curry Co., North Unit, to Hagquist & Bjorkquist, North Bend, $76,980, e. e. $69,195; 3.98 mi. same road, South Unit, to Shell & Rhoades, Oakland, $116,542 e. e. $112,570; and 4.55 mi. Crooked River Sect. The Dallas-California Highway, Jefferson and Deschutes Counties, to Logan Bros., Arlington, $10,270. Grand total $203,792.

California—State Hy. Comn., San Francisco, **(e. e. means engineers estimate)**, grading and graveling 3.8 mi. road between point 4 mi. west of Bieber and Bieber (11-Las-28-A), Lassen Co., to D. McDonald, 1901 L St., Sacramento, $39,950 e. e. $73,055; concrete paving 15.2 mi. road between San Fernando and LaCanada, Los Angeles Co., to Dewey & Rawson, Pasadena, $149,467 e. e. $171,993; rein.-con. girder bridge over Willow Brook Creek, 2 mi. north of Petaluma, Sonoma Co., to Lozier & Carr, San Jose, $17,998 e. e. $16,615. Grand total $207,415. Noted Sept. 10 and 24.

Calif., Beverly Hills—Grading, curbing, guttering, sidewalks, and 8 in. concrete paving 337,697 sq.ft. portion Sunset Blvd., to Williams Constr. Co., 7603 Hampton Ave., Los Angeles, $78,630.

Calif., Dunsmuir — To Pacific States Constr. Co., Call Bldg., San Francisco, improving various streets 20,000 cu.yd. grading, excav. at $1.05 per cu.yd., 344,500 sq.ft. grading, surface $0.015, 75,900 sq.ft. 5 in. concrete paving $0.27, 53,740 sq.ft. 1½ to 2½ in. Willite asphaltic concrete on existing concrete $0.13, 268,700 sq.ft. 1½ in. Willite on 3½ in. asphaltic concrete paving $0.255, etc., total $259,473.

Calif., El Monte—Curbing, sidewalks and concrete paving 150,607 sq.ft. Main St., to

Streets and Roads (Continued)

Hall-Johnson Co., 3025 Fowler St., Los Angeles, $67,144. Engrs. est. $68,764. Noted June 4.

Calif., Inglewood—Concrete paving 322,965 sq.ft. Manchester Ave., to Pacific Constr. Co., 1028 Block Bldg., Los Angeles, $86,884. Engrs. est. $89,000.

Calif., Los Angeles—Bd. Pub. Wks., to G. R. Curtis Paving Co., Inc., 2240 East 26th St., grading and 2 in. willite on 3 in. asphalt paving Parthenia St. $61,104, and asphalt paving Evanston St. $11,567; to G. D. Nichols, P. O. Box 572, Inglewood, grading, guttering and 5 in. concrete paving 1st alley southwesterly from Sheridan St. $773, 1st alley west of Pacific St. $4,196, 1st alley northwesterly from Mathews St. $2,449, and grading, curbing, guttering, sidewalk, and concrete paving 1 St. $2,721, to J. Mullarkey, 8435 Vermont Ave., 86th Pl., $9,916; to J. Martin, 789 Lyon St., grading and concrete paving Whitsett Ave., $10,662; to Griffith Co., Los Angeles Railway Bldg., grading, curbing, sidewalks and 5 in. concrete paving Centre St. $21,078, and Evergreen Ave., $21,345; to G. H. Oswald, 366 East 58th St., grading, curbing, guttering, sidewalks and national concrete paving Rimpau Blvd., $221,976; to P. J. Akmadzich, 321 Yale St., grading, curbing, guttering, sidewalks and oiling Larga Ave., $7,951; to J. M. Derenia, 237 West 83rd St., sanitary sewer in Honduras St. $915, to B. Crancich, in Preston Ave., $1,456; to H. E. Erdman, 210 North Wilson St., Alhambra, sewer mains in Longpre Ave. $2,796, and Springvale Dr. $9,293; to R. E. Cooney, 214 South Norton Ave., storm drain in Glassel Ave., $78,600. Grand total $468,798. Noted Sept. 17 and Oct. 1.

Calif., Oakland—Alameda Co., to Jones & King, Hayward, improving A St. from Hayward to San Lorenzo Highway, 3,000 yd. grading at $0.06 per cu.yd. 325,000 ft. finish grading $0.01, and 112,500 sq.ft. 1½ in. willite on 3½ in. asphaltic concrete paving $0.211, total $29,353.

Calif., Redondo Beach—To Griffith Co., Railway Bldg., grading, curbing, guttering and 5 in. concrete paving 94,943 sq.ft. portion of South Gertruda Ave., to Griffith Co., Railway Bldg., Los Angeles, $31,675.

Calif., San Luis Obispo — San Luis Obispo Co. will pave with concrete 1½ mi. road from end of present paving on Sta. 68.09 to bridge over Arroyo Grande Creek, at Sta. 121-15.5, by day labor. W. J. Black, San Luis Obispo, co. surv.

Calif., Southgate—To G. H. Oswald, 366 East 58th St., Los Angeles, improving Independence Ave., 10,956 sq.ft. 5 in. guttering at $0.10 per sq.ft., 3,290 sq.ft. 8 in. sidewalk $0.23, 142,766 sq.ft. 2 in. willite on 4 in. bituminous paving $0.19, total $34,185.

Ont., Toronto — York Twp., asphalt on concrete paving Weston Rd. from Hillary to Bridge Sts., to Constructing & Paving Co., Confederation Life Bldg., $34,910.

Ont., Windsor—Cement paving various streets, to Premier Constr. Co., 924 Windsor Ave., and Walkerville & Chick Contg. Co., McDougall Ave. Engrs. est. $35,000.

B. C., Point Grey—City, 6 in. (a) concrete or (b) blacktop or Warrenite on 6 in. rock paving 41st Ave., Sosomat, Dunbar and McKenzie Sts., etc., to Cotton Co. Ltd., False Creek Yards, Vancouver, (a) $18,313 and (b) $53,834.

B. C., Point Grey — Curbing and 6 in. one course concrete paving Bimbor, 10th and 45th Sts., to Dawson Wade & Co., Bekins Bldg., Vancouver, $48,619.

B. C., Vancouver—Warrenite on concrete paving portions of Hamilton, Davie and Howe Sts., to Armstrong, Morrison & Co., 543 Granville St., $41,845. Engrs. est. $65,000.

B. C., West Vancouver — Grading and macadam paving 5½ mi. Masimedowe St. from Caulfield to Whytecliff Sts., to Stewart & Barber, 601 Dominion Bldg., Vancouver, $83,269. Engrs. est. $100,000.

Buildings—Industrial

PROPOSED WORK

Mass., Cambridge (Boston P. O.) — FACTORY — H. D. Foss & Co., Inc., plans 5 story, brick addition, Main St. $50,000. Engineer and architect not selected.

Mass., Everett (Boston P. O.) — MANUFACTURING — Metropolitan Lithograph & Publishing Co., 7 Bow St., rejected bids 3 story, 60 x 125 ft., rein.-con. and brick, Bow St. $100,000. W. P. Hatch, 60 State St., Boston, archt.

Mass., Watertown (Boston P. O.) — FACTORY — Worcester Paper Box Co., H. Posner, pres., Austin St., Worcester, plans 2 story, 70,000 sq.ft. floor space, timber factory, here. $200,000. Private plans.

Mass., Westfield — MACHINE SHOP — H. B. Smith Co., 640 Main St., having plans prepared by French & Hubbard, 210 South St., Boston, 1 story, 110 x 112 ft., brick and steel, Main St. To exceed $40,000.

N. Y., Brooklyn — LOFT annd MANUFACTURING—Astoria Garden Corp., 105 Court St., A. Margolia, pres., plans 8 story, brick, steel and stone, plain foundation, Jay, High and Sands Sts. $200,000. Engineer and architect not selected.

N. Y., New York — SERVICE and REPAIR — Packard Motor Car Co., 61st St. and Bway., plans brick, steel and stone, plain foundation, East Fordham St. $150,000. Engineer and architect not selected.

N. J., Bloomfield — PLANT — Westinghouse Lamp Co., 150 Bway., New York City, having plans prepared rein.-con., brick and steel addition, plain foundation, here. $90,000. Private plans.

Del., Wilmington — FACTORY — C. E. Wunder, archt., 1520 Locust St., Phila., Pa., soon lets contract 4 story and basement, 65 x 109 ft., brick and steel, plain foundation, 215 French St., here, for Topkis Bros. Co., 217 French St.

Fla., Bradentown — ICE PLANT, etc. — West Florida Ice & Ice Cream Corp., Bradentown, plans 50 ton capacity ice plant also cold storage plant. G. V. Denny, genl. mgr.

Miss., Gulfport — WAREHOUSE and STORAGE — G. R. James & J. S. Savage, Memphis, Tenn. and J. A. Sykes, Gulfport, plan 4 story, warehouse and cold storage, 29th St., here. $200,000. Engineer and architect not announced.

Tenn., Chattanooga — METAL PLANT — Chattanooga Stamping & Enameling Co. plans two 1 story, 50 x 100 ft. and 30 x 60 ft. buildings. $50,000. E. P. Poste, c/o owner, ch. engr.

N. C., Winston—Salem—POWER PLANT —R. J. Reynolds Tobacco Co. having plans prepared rein.-con. power plant, incl. boiler room and turbine room with basement. $350,000 incl. equipment. J. E. Sirrine & Co., Greenville, S. C., engrs.

O., Cleveland—FACTORY—State Chemical Mfg. Co., J. H. Zucker, pres., 2160 East 2nd St., having plans prepared by Minton-Scobell Co., The Arcade, 3 story and basement, 44 x 147 ft., brick, Superior Ave. $100,000.

O., Findlay—FACTORY—Giant Tire & Rubber Co. plans 2 story, 80 x 200 ft., brick, steel and concrete addition. $50,000.

O., Ironton—FACTORY—Selby Shoe Co., E. N. Meek, mgr., having plans prepared by H. K. Ferguson Co., 4900 Euclid Ave., Cleveland, 4 story and basement, 233 x 310 ft., brick and concrete factory. $300,000.

O., Louisville—MILL—Hiner Structural Steel Co., Canton Bldg., Canton, plans 1 story, 60 x 150 ft. brick and steel addition, here. $50,000. G. L. Hiner, pres.

O., Mansfield — FACTORY — Vitreous Enameling Co., Mansfield, plans new factory addition. $40,000.

O., Newark—FACTORY—Pharis Tire & Rubber Co., plans 2 story, 60 x 200 ft., brick, steel and concrete addition. $50,000.

O., Zanesville—FACTORY—Pittsburgh Plate Glass Co. plans factory, White Cottage St. $100,000.

Ind., Muncie — INDUSTRIAL — Hemingray Glass Co., 8th and Macedonia Ave., had plans prepared 1 story and basement 60 x 250 ft., steel, plain foundation. $40,000. F. J. Lesh, aud. in charge.

Ind., South Bend—SPRING FACTORY—Studebaker Corp., had plans prepared by A. Kahn, 100 Marquette Bldg., Detroit, Mich., 1 story, 124 x 382 ft., brick and steel, plain foundation.

Mich., Detroit — PLANT — E. G. Budd Mfg. Co., 25th and Hunting Park, Phila., Pa., plans 4 story, 100 x 725 ft. plant, Charlevoix Ave., here. $1,500,000.

Wis., Alaska (mail Kewanee)—CHEESE FACTORY and CREAMERY — Alaska Dairy Assn. plans rebuilding 2 story and basement, 46 x 82 ft., brick and concrete factory and creamery. $40,000. Private plans.

Wis., Janesville — COMPOUNDING PLANT—Champion Oil Co., 1232 Western Ave., plans 1 story and basement, 77 x 120 ft., brick and concrete, plain foundation. $50,000. Engineer and architect not selected.

Wis., Kaukauna — CANNERY — W. C. Sullivan, and others, Central Blk., organizing new company which plans 2 and 3 story, brick and timber cannery. $100,000. Engineer and architect not selected.

Wis., Marshfield — FACTORY — L. F. Diddle, having plans prepared by F. Felhofer, Marshfield, 2 story and basement, 50 x 82 ft., brick factory. $40,000.

Wis., Two Rivers — FACTORY and WAREHOUSE — Aluminum Goods Mfg. Co., Manitowoc, making plans 5 story, 56 x 75 ft., and 75 x 148 ft. factory, etc., here. $200,000. Lockwood, Greene & Co., 400 North Michigan Ave., Chicago, Ill., engrs.

Ia., Des Moines — FACTORY — Rollins Hosiery Mills, East 28th and Dean Sts., having preliminary plans prepared by Lockwood, Greene & Co., 400 North Michigan Ave., Chicago, Ill., 1 story, 100 x 100 ft., brick and steel factory. $40,000.

Minn., Minneapolis — MILK DISTRIBUTION PLANT — Twin City Producers Assn., 2395 University Ave., St. Paul, having plans prepared by M. W. Johnson, 5516 Lyndale Ave. S, 1 story and basement, 100 x 135 ft., rein.-con. and brick, Western and Dupont Aves. $60,000.

Mo., Kansas City—PACKING PLANT—Neuer Bros. Meat Co., 1326 Main St., purchased site and plans 4 story and basement, 150 x 190 ft., rein.-con., plain foundation, 25th and Jefferson Sts. Engineer and architect not selected.

Tex., Arlington — LIGHT PLANT — City, c/o H. M. Moore, mayor, having plans prepared new light plant. $40,000. Municipal Eng. Co., Praetorian Bldg., Dallas, engrs.

Tex., Edinburg—CANNING PLANT—Farmers Canning Co. plans 1 and 2 story, rein.-con. and brick, plain foundation. $50,000. Engineer and architect not selected.

Tex., Edinburg—CANNING PLANT—Rio Grande Valley Canning Co. plans concrete and brick plant. $40,000. J. W. Smith, vice pres. Private plans.

Tex., San Antonio—COFFEE PLANT—San Antonio Coffee Co., 402 Burnet St., M. Holland, pres., having preliminary plans prepared 1 and 2 story, rein.-con., brick and

RELOCATION OF HIGHWAYS—WANAQUE, N. J.

Bids were opened by North Jersey District Water Supply Comn., 20 Clinton St., Newark (lowest three) Sept. 3, for relocation of highways at Wanaque Reservoir (A) P. Naples & Co., Inc., 118 Jefferson St., Passaic (awarded contract); (B) Consolidated Engineering Co., Baltimore, Md.; (C) S. J. Groves & Sons Co., Duncannon, Pa. The unit bids are as follows:

	A	B	C
120,000 cu.yd. earth excavation	$0 75	$0 73	$0 85
41,000 cu.yd. rock excavation	2 25	2 50	2 85
100,000 cu.yd. borrow	75	73	85
7,500 cu.yd. riprap	1 50	1 50	1 50
200 cu.yd. surface dressing and grassing	1 50	3 75	2 50
2,000 cu.yd. concrete masonry	5 00	16 00	20 00
50 cu.yd. reinforced concrete	5 50	20 00	22 00
300 cu.yd. rubble masonry and paving	6 00	7 00	14 00
100 cu.yd. sand, gravel and broken stone	4 00	3 00	3 00
15,000 sq.yd. gravel pavement	85	85	80
3,000 bbl. cement	3 71	3 00	3 25
2,000 lb. steel for reinforcing concrete	0425	06	10
1,000 lb. cast iron, wrought iron and steel	06	10	10
2 M. ft. B.M. timber and lumber	80 00	135 00	75 00
6,000 lin.ft. guard rail	2 00	90	75
100 lin.ft. 18-in. reinforced concrete pipe	4 00	3 00	3 25
200 lin.ft. 24-in. reinforced concrete pipe	4 60	4 50	4 75
300 lin.ft. 30-in. reinforced concrete pipe	6 35	6 50	7 00
400 lin.ft. 36-in. reinforced concrete pipe	7 35	8 20	8 50
550 lin.ft. 42-in. reinforced concrete pipe	10 79	10 00	12 00
Extended totals	$329,560	$350,070	$401,275

Buildings—Industrial (Continued)

tile, plain foundation, along Southern Pacific Ry. tracks. $100,000. Engineer and architect selected soon.

Tex., Victoria — COTTON MILL — Victoria Cotton Mills Co., P. M. Keller, genl. mgr., c/o Belton Cotton & Yarn Mills, Belton, takes bids about Dec. 1, 1 and 2 story, rein.-con., brick and stone, plain foundation. $300,000. Private plans. Noted July 23.

Okla., Bristow—LIGHT PLANT—City making preliminary plans new 1,000 hp. Diesel engine electric light plant. $100,000. M. Morrison, mayor. Engineer and architect not selected.

Okla., Muskogee—PLANT—Continental Oil Co., Continental Oil Bldg., A. Southworth, supt., plans distributing plant, incl. office, garage, pumps, steel, oil tanks, etc. $300,000. Private plans.

Okla., Tulsa—ICE CREAM FACTORY—Purity Ice Cream Co., 310 West 1st St., making plans 2 or 3 story and basement, 100 x 130 ft., rein.-con., brick and stone factory. $250,000. Private plans. Noted Aug. 20.

Nev., Reno—ICE and COLD STORAGE PLANT—Union Ice Co., 354 Pine St., San Francisco, Calif., plans approximately 100 x 120 ft. plant, here. $200,000.

Calif., Oakland — WAREHOUSE COLD STORAGE — City plans election $500,000 bonds, waterfront warehouse and cold storage plant.

Calif., Pasadena—WAREHOUSE—Pasadena Ice Co., Pasadena, had plans prepared by Hamm & Grant, Inc., 607 Ferguson Bldg., Los Angeles, 82 x 112 ft. cold storage warehouse, South Bway. $60,000.

Calif., San Francisco—PLANT—Electric Storage Battery Co., 1536 Bush St., had plans prepared by H. H. Meyers, Kohl Bldg., 1 and 2 story, rein.-con., 3rd St. near Paul Ave. $125,000. Noted Sept. 10.

Ont., Aylmer—GARAGE, etc.—L. Harvey plans remodeling garage and auto repair shop. $40,000.

Ont., Bracebridge—PLANING MILL, etc. —J. T. Shier plans rebuilding planing mill and woodworking plant, recently destroyed by fire. $30,000 loss.

Ont., Port Elgin—SAW MILL—C. Maas plans rebuilding saw and shingle mills, recently destroyed by fire. $20,000 loss.

BIDS DESIRED

Mass., Atlantic (Ind. br. of Boston) — CABINET SHOP—Norfolk Woodworking Co., Braintree, taking bids 1 story, 140 x 260 ft., rein.-con. and steel, wood pile foundation. $200,000. L. S. Joslin, 339 Newbury St., Boston, archt. Noted Sept. 10.

Mass., Cambridge (Boston P. O.) — REPAIR and GARAGE — Massachusetts Wharf Coal Co., 30 Kilby St., Boston, taking bids 1 story, 77 x 164 ft., rein.-con., brick and stone, Harvard and Main Sts. $50,000. W. E. Cotter, 12 Harvard St., archt.

Mass., Gardner—REPAIR and SERVICE GARAGE—S. Bajonski taking bids 2 story, 85 x 100 ft., rein.-con., brick and steel, repair and service garage. $85,000. A. J. Smith, 142 Lunenberg St., Fitchburg, archt. Noted Sept. 24.

Mass., Newton (Ind. br. of Boston) — MACHINE SHOP — See "Contracts Awarded."

Mass., Newton (Ind. br. Boston) — MANUFACTURING — See "Contracts Awarded."

Mass., Milford—PLANT—Milford Electric Light & Power Co., 241 Main St., taking bids 2 story and basement, 45 x 68 ft., rein.-con. and brick addition, $40,000. E. L. Rawson, 6 Beacon St., Boston, archt. Noted Oct. 15.

Conn., Hartford—FACTORY—See "Contracts Awarded."

N. J., Camden—FACTORY—Oct. 26, by C. E. Wunder, archt., 1520 Locust St., Phila., Pa., 2 story and basement, 87 x 145 ft., rein.-con. and brick addition, plain foundation, 1643-47 Haddon Ave., for Acme Staple Co.

Pa., Pittsburgh—STEEL PLANT—See "Contracts Awarded."

Mich., Detroit—GARAGE and SERVICE STATION—Oct. 30, by Weston & Ellington, archts., 1507 Stroh Bldg., 3 story and basement, 160 x 198 ft., rein.-con., Smith and Noble Sts., for Detroit City Gas Co., Clifford St. and Bagley Ave. $150,000. Noted Sept. 17.

Wis., Loyal — CANNERY — See "Contracts Awarded."

Tex., Dallas—ICE PLANTS—See "Contracts Awarded."

CONTRACTS AWARDED

Mass., East Braintree (mail Braintree)—REPAIR and SERVICE GARAGE—City Service Refining Co., 2 story, 54 x 100 ft., rein.-con. and brick, Quincy St., to Clark & Smith, 13 Temple St., Quincy. Archts. est. $45,000.

Mass., Dorchester (Boston P. O.) — FACTORY — Thompson Wire Co., 42 Mildred Ave., altering and constructing 1 story, rein.-con. brick and steel addition, to R. Gibson & Son, 65 Long Wharf St., Boston. Archts. est. $40,000. Noted Oct. 7.

Mass., Framingham—FACTORY—Manufacturing Equipment & Eng. Co., Marble St., 1 story, 60 x 200 ft., brick and steel addition, to McNally Building Co., Inc., Concord St. Archts. est. $50,000. Noted June 26.

Mass., Holyoke — HOSIERY MILL — Holyoke Silk Hosiery Co., Sargent St., 3 story, 60 x 120 ft., brick and timber addition, to M. J. Walsh & Son, 1412 Dwight St. Archts. est. $75,000.

Mass., Newton (Ind. br. Boston) — MACHINE SHOP — Newton Machine Screw Co., 19 Crafts St., Newtonville, will build 1 story, 40 x 100 ft., brick and steel, 227 California St. Work will be done by separate contracts. Private plans.

Mass., Newton (Ind. br. Boston) — MANUFACTURING — Newton Wool Scouring Co., California St., will build 1 story, 65 x 125 ft., rein.-con. and steel addition, by day labor. $40,000. Private plans.

Mass., Quincy (Boston P. O.)—REPAIR GARAGE and SERVICE STATION — A. Pompeo, 24 Curtis St., 1 story, 75 x 180 ft., rein.-con. and steel, to Truscon Steel Co., 147 Summer St., Boston. Archts. est. $55,000.

Mass., South Boston (Boston P. O.) — PLANT — Hunt-Spiller Mfg. Corp., 383 Dorchester Ave., 1 story, rein.-con. and brick addition, to C. A. Dodge Co., Erie and Albany Sts., Cambridge. Archts. est. $40,000.

Mass., South Hadley — PAPER MILL — Amer. Tissue Paper Co., B. S. Perkins, mgr., 1 story, 60 x 105 ft., rein.-con. addition, Pearl City Sect., to D. O'Connell's Sons, 480 Hampden St., Holyoke. Archts. est. $40,000.

R. I., Providence—FACTORY—W. H. Coe Mfg. Co., 74 Weybosset St., 2 story, rein.-con. and brick, Clifford and Ship Sts., to O. D. Purington & Co., 605 Hospital Trust Bldg. Archts. est. $40,000 or more. Noted Oct. 15.

Conn., Hartford — FACTORY — Spencer Turbine Co., 484 New Park Ave., will build 2 story, 43 x 152 ft., brick, by day labor. $50,000. Buck & Sheldon, 60 Prospect St., archts. Noted Sept. 17.

N. Y., Hudson—STORAGE—Canada Dry Ginger Ale Co., 1 story, 243 x 243 ft., brick and timber, to F. T. Ley Co., Inc., 499 Main St., Springfield, Mass. Noted Aug. 7.

N. J., Blackwood — FACTORY — Blackwood Full Fashion Silk Hosiery Co., 1 story, 52 x 242 ft., rein.-con. and brick, plain foundation, to W. F. Lotz, 4644 Frankford Ave., Phila., Pa. Archts. est. $50,000.

N. J., Florence — FOUNDRY — Florence Pipe, Foundry & Machine Co., rein.-con., brick and steel addition, plain foundation, to Austin Co., 217 Bway., New York City. Archts. est. $100,000.

Pa., McKees Rocks—LACQUER—Pittsburgh & Lake Erie R.R. Co., Smithfield St., Pittsburgh, 2 story, irregular shaped lacquer building, here, to Walker & Curley, Sharpsburg. Archts. est. $40,000.

Pa., Pittsburgh — SLAG CRUSHING PLANT—Clinton Iron & Steel Co., West Carson St., 250 ton slag crushing plant, steel, to J. Eichleay Co., Jr., 45 South 20th St. Engrs. est. $50,000.

Pa., Pittsburgh—STEEL PLANT—Pittsburgh Crucible Steel Co., Oliver Bldg., will build 1 story steel plant addition, 31st and Smallman Sts. Work will be done by separate contracts. Fabrication and erection of 1,600 tons steel, to Amer. Bridge Co., (known as Parks-Crucible Steel Co.) Frederick Blk.

Md., Baltimore—BAKERY—General Baking Co., 342 Madison Ave., New York City, N. Y., 2 story and basement, 239 x 263 ft., rein.-con., brick and steel, Harford and North Aves., here, to C. L. Stockhausen Co., Gay and Water Sts., $600,000. Former contract rescinded. Noted Oct. 8.

La., New Orleans—FACTORY—Haspel Bros., additional unit to factory, Bernard and Low Sts., to L. Delarosa, Jr., Bolter Bldg., approximately $50,000.

O., Amherst — STONE MILL—Cleveland Stone Co., C. W. Walters, pres., Union Trust Bldg., Cleveland, 1 story, 150 x [illegible] ft., brick, to S. W. Emerson Co., Union Bldg., Cleveland. Archts. est. $100,000.

O., Galion—FACTORY—Rosemaid Cement Co., J. Rose, pres., 2 story and basement, 60 x 140 ft., brick, steel and concrete, to Boldt Constr. Co., 1969 East 70th St., Cleveland. Archts. est. $50,000.

O., Norwood (Ind. br. of Cincinnati) — FACTORY—Amer. Laundry Machine Co., Ross and Section Aves., 2 story, rein.-con. and brick, plain foundation, Section Ave., to Ferro Concrete Co., 3rd and Elm Sts., Cincinnati, $400,000.

Ill., Chicago — FACTORY—International Furniture Co., 2127 South Racine Ave., 1 story and basement, 50 x 116 ft. addition, masonry, to H. J. Jensen, 5050 North Hamlin Ave.; carpentry work, to T. N. Fitzgerald & Co., 500 North Dearborn St. Archts. total est. $100,000. Noted Aug. 13.

Ill., Kankakee—ICE PLANT—Federal Ice & Refrigerator Co., 142nd and Halsted Sts., Blue Island, general contract 1 and 2 story, rein.-con. and brick, here, to Bloom-Sinek Co., 76 West Monroe St., Chicago. Archts. est. $300,000.

Wis., Loyal—CANNERY—Lomira Canning Co., Lomira, will build 2 story, brick, cannery, plain foundation, by day labor. $40,000. Private plans.

Wis., Marshfield — FACTORY — G. A. Krasin, archt., Central Ave., 2 story and basement, brick and timber addition, plain foundation, to Krasin Bros., 151 South Central Ave., for Wisconsin Butter Tub Co., West 9th St. Archts. est. $40,000. Noted Oct. 1.

Wis., Oshkosh — FACTORY — Wisconsin Parts Co., 571 High St., 1 story, 62 x 185 ft., brick addition, plain foundation, to H. Ganther Co., 117 Main St. Archts. est. $50,000.

Mo., Kansas City—BAKERY—Campbell Baking Co., 30th St. and Troost Ave., 2 and 3 story and basement, 150 x 190 ft., rein.-con., brick, steel and terra cotta, 30th St. and Troost Ave., to Fogel Constr. Co., 619 Reliance Bldg. Archts. est. $425,000.

Mo., St. Joseph — BREW and MILL HOUSE — M. K. Goetz Brewing Co., 6th and Albemarle Sts., 5 story and basement, brew and mill house, to E. H. Lawton Constr. Co., 905 Edmund St. Archts. est. $75,000.

Tex., Dallas—ICE PLANTS—Amer. Ice Co., c/o C. E. Kennemer, pres. and mgr., 4901 Cole Ave., will build two 1 story ice plants, rein.-con., brick and steel, one at 3305 Lemmon Ave., and other at 4111 Ross Ave., by day labor. $45,000 and $40,000 respectively. Engineer not announced.

Tex., Kingsville—ICE and COLD STORAGE PLANT—Kingsville Ice Co., c/o S. M. Udden, 1020 Frost Bank Bldg., San Antonio, 90 ton capacity ice plant and 14,000 ton capacity cold storage building, brick, stone and rein.-con., to Sumner Sollit Co., 609 Natl. Bank of Commerce Bldg., San Antonio, $43,000.

Calif., Oakland—FACTORY—Laher Auto Spring Co., 714 East Pike St., Seattle, Wash., 1 story factory, 26th and Magnolia Sts., to Austin Co. of California, 244 Kearny St., San Francisco, $43,000.

Calif., Oakland — LAUNDRY, etc. — Yosemite Laundry Co., 4627 Grove St., 1 story laundry and 1 story power plant, brick, concrete and steel, Adeline and 28th Sts., to H. J. Christensen, 505 17th St., $45,677.

Calif., Redwood City—CANNERY—Silver Gate Industries, Inc., 1 story, 120 x 150 ft., rein.-con., State St., to O. E. Evans & Co., Pacific Bldg., San Francisco, $40,000.

Buildings—Commercial

PROPOSED WORK

Mass., Amesbury — HOSPITAL — Amesbury Hospital Assn., c/o Kendall, Taylor & Co., archts., 142 Newbury St., Boston, having sketches made 2 story and basement, brick hospital. $200,000 or more.

Mass., Boston — APARTMENT — V. H. Carpenter, 31 Bay State Rd., plans 6 story and basement, brick and stone, 99 Bay State Rd. $150,000. Engineer and architect not selected.

Mass., Boston—DORMITORY—Y. M. C. A., 316 Huntington Ave., plans to raise $250,000 funds for brick addition. Engineer and architect not selected.

Mass., Boston — HOTEL — Y. M. C. A., A. S. Johnson, pres., 316 Huntington Ave.,

Buildings—Commercial (Continued)

plans to raise $1,000,000 funds for hotel. Engineer and architect not selected.

Mass., Boston—HOTEL—J. R. Whipple Corp., C. M. Hart, pres., Hotel Touraine, having plans prepared by Desmond & Lord, 1 Beacon St., 10 story and basement, rein.-con., brick and steel, Tremont and School Sts. To exceed $1,000,000.

Mass., Boston — OFFICE — Amer. Unitarian Assn., J. L. Cornich, pastor, 25 Beacon St., having sketches made by Putman & Cox, 114 State St., 5 story and basement, brick, 32 Beacon St. To exceed $150,000.

Mass., Cambridge (Boston P. O.)—SUBSTATION—Cambridge Electric Light Co., M. Strout, in charge, having plans prepared 1 story brick, Blackstone St. $50,000. D. E. Badger, c/o owner, engr.

Mass., Chelsea (Boston P. O.)—STORE and OFFICE—M. H. Kramer, 11 Beacon St., having plans prepared by S. S. Eisenberg, 46 Cornhill St., Boston, 3 story and basement, 65 x 105 ft., brick and stone, 461 Bway. $150,000.

Mass., Dorchester (Boston P. O.)—Y. M. C. A., 316 Huntington Ave., Boston, plans raising $500,000 funds for building, here. Engineer and architect not selected.

Mass., Lynn—APARTMENT—B. Bloom & B. Risman, 106 Newhall St., having plans prepared by G. A. Cornet, 10 Central St., 4 story and basement, brick and stone, Ocean Park. $150,000.

Mass., Malden (Boston P. O.) — MAIL ORDER — Perry Pictures Co., 42 Dartmouth St., having plans prepared by Newhall & Blevins, 9 Park St., Boston, 3 story and basement, rein.-con and brick, 116-118 Mountain Ave. $150,000.

Mass., Revere — LODGE — B. P. O. E. plans 3 story, brick addition, Revere St. $150,000. Engineer and architect not selected.

Mass., Swampscott (Ind. br. of Lynn)—HOTEL — W. H. Rendle, 76 Crest Ave., Winthrop, plans 6 story and basement, brick, Humphreys St. To exceed $150,000. Engineer and architect not selected.

Mass., Worcester—THEATRE—H. Steinberg, c/o E. W. Norton, archt., 44 Pearl St., having plans prepared brick and steel, Elm St. $600,000.

R. I., Woonsocket—CITY HALL—City, Dept. Pub. Buildings, plans city hall. To exceed $150,000. Engineer and architect not selected.

Conn., Bridgeport—GARAGE, SERVICE and SALES—Mack Motor Co., 561 Washington St., New York City, had plans prepared brick and steel, Ash Creek, here. $150,000. Private plans.

Conn., Hartford—OFFICE—Aetna Fire Insurance Co. plans 3 story, brick and brownstone, Woodland St. To exceed $150,000.

Conn., Middletown—BANK—Middletown Natl. Bank plans bank, Main and Court Sts. $150,000.

Conn., Stamford — APARTMENT — Realty Impvt. Co., c/o A. S. Meloy, archt., 2965 Main St., Stratford, having revised plans prepared 3 story and basement, 80 x 120 ft., brick and steel, Atlantic St. $150,000. Noted July 30.

N. Y., Brooklyn—HOSPITAL—Bushwick Hospital, Howard Ave., plans brick, steel and stone addition, plain foundation. $300,000. Engineer and architect not selected.

N. Y., New York—APARTMENT—Two Hundred Forty-Three West 17th St. Corp., c/o G. A. Bagge & Sons, archts. and engrs., 157 East 44th St., having plans prepared 9 story, 85 x 97 ft., brick, steel and stone, plain foundation, 241 West 17th St. $500,000.

N. Y., New York — APARTMENT — G. Halpern, c/o C. Kreymborg & Son, archts., 2534 Marion Ave., having plans prepared 6 story, 90 x 100 ft., brick, steel and stone, plain foundation, Sheridan Ave. $165,000.

N. Y., New York—APARTMENT—I. S. Haynes, c/o H. C. Pelton, archt., 151 West 42nd St., having plans prepared 15 story, brick, steel and stone, plain foundation, Park Ave. $700,000.

N. Y., New York—APARTMENT—Casretta & Sons, Inc., c/o L. Pisciotta, archt. and engr., 563 East Tremont Ave., having plans prepared 6 story, brick, steel and stone, plain foundation, 208th St. and Steubin Ave. $250,000.

N. Y., New York — APARTMENT — Zehngebot Bros. Realty Co., c/o G. G. Miller, archt. and engr., 1482 Bway., having plans prepared two 6 story, 88 x 112 ft., brick, steel and stone, plain foundations, Bryant Ave. $150,000 each.

N. Y., New York — HOTEL — Forty-Seventh St. & Lexington Ave. Corp., J. J. Hearn, pres., c/o F. S. Nute, archt., 250 West 88th St., having plans prepared 15 story, 55 x 100 ft., brick, steel and stone, plain foundation, Lexington Ave. and 47th St. $600,000.

N. Y., New York—HOTEL—R. M. Silverman, c/o G. and E. Blum, archts. and engrs., 507 5th Ave., having plans prepared 23 story, 80 x 97 ft., brick, steel and stone, plain foundation, 98th St. and West End Ave.

N. Y., New York—OFFICE—J. Forsythe Co., 348 Madison Ave., having plans prepared by F. E. Hahn, archt. and engr., 1440 Bway., 15 story, brick and steel, plain foundation, Madison Ave. and 49th St. $350,000.

N. Y., New York—THEATRE—Jerome Exhibition Corp., c/o Moore & Landseidel, archts. and engrs., 148th St. and 3rd Ave., having plans prepared 1 story, brick, steel and stone, plain foundation, Jerome Ave. $250,000.

Pa., Johnstown—STORE—Glosser Bros. Dept. Store, c/o D. Glosser, pres., Franklin and Locust Sts., plans 5 story and basement, 66 x 138 ft., brick and concrete, Franklin and Washington Sts., to be connected with present structure with second story alleyways. $250,000. Engineer and architect not selected.

Pa., Pittsburgh — STORE and APARTMENT — H. S. Swartz, c/o R. H. Van Ormer, archt., 619 Homewood Ave., having plans prepared 3 story and basement, 85 x 100 ft., brick and steel, 2nd and Trenton Sts. $150,000.

Pa., Reading — OFFICE — Metropolitan Edison Co., 18 South 5th St., having plans prepared by M. Heilman, c/o owner, rein.-con. and steel, plain foundation, South 7th St. $750,000.

Pa., Washington—BANK and OFFICE—Washington Trust Co., having plans prepared by Hopkins & Dentz, 415 Lexington Ave., New York City, 11 story and basement, 41 x 84 ft., granite, brick and steel addition. $360,000.

D. C., Wash. — BANK — Bank of Commerce & Savings, having revised plans prepared by Milburn, Heister & Co., 710 14th St. N. W., for bank building, 7th and E Sts. N. W. Noted Aug. 6.

D. C., Wash.—ORPHAN ASYLUM—St. Josephs Orphan Asylum having plans prepared by Milburn, Heister & Co., 710 14th St. N. W., for orphan asylum. $250,000.

N. C., Raleigh—OFFICE—North Carolina Cotton Growers Co-Operative Assn. plans office building. U. B. Blalock, c/o owner, genl. mgr.

Miss., Pass Christian — HOTEL — Edgewater Beach Co., 5452 Bway., Chicago, Ill., soon takes bids 8 story, 40 x 500 ft., rein.-con., brick and stone hotel, incl. swimming pool, etc. on Gulf Beach, here. B. H. Marshall, 721 North Michigan Ave., Chicago, Ill., archt. Noted Aug. 27.

La., New Orleans—AUDITORIUM—See "Unclassified."

La., New Orleans—WAREHOUSE—Lilly Eli & Co., having plans prepared by Favrot & Livaudais, archts., Hibernia Bldg., 4 story, rein.-con. and brick, Camp and Capdeville Sts.

Tenn., Athens — HOTEL — G. F. Lockmiller, Citizens Natl. Bank Bldg., plans modern hotel. $150,000.

O., Canton—LODGE—Eagles Home Co. plans 3 story and basement, 90 x 110 ft., brick, steel and stone, Market and 6th Sts. $350,000. L. H. Van Horn, 1109 Garfield Ave. N. W., and E. E. Bender, Massillon Rd., et al., incorporators.

O., Cleveland — APARTMENT — M. Shapiro, c/o M. Altschuld, archt., 5116 Woodland Ave., having plans prepared. 2 story and basement, 80 x 100 ft., brick and timber apartment. $150,000.

O., Cleveland — APARTMENT — W. P. Yelsky, 1515 Glenmont Ave., having plans prepared by M. Altschuld, 5116 Woodland Ave., 3 story and basement, 79 x 109 ft., brick and timber apartment. $150,000.

O., Cleveland—HOTEL—Superior Hotel Co., c/o Morris & Weinberg, archts., 3608 Euclid Ave., having preliminary plans prepared 9 story and basement, 66 x 145 ft., brick, steel and concrete, 426 West Superior Ave. $500,000.

O., Marion — OFFICE and LODGE — Canby Holding Co., plans 6 story, office and lodge, State St. $250,000.

O., Medina — HOSPITAL — City, plans hospital. $150,000.

O., Steubenville—THEATRE—S. Manaf, Steubenville, plans theatre on site of old city hall. $250,000.

O., Youngstown — EXCHANGE — Ohio Bell Telephone Co., C. P. Cooper, vice pres., 4300 Euclid Ave., Cleveland, having plans prepared by F. A. Ward, 4300 Euclid Ave., Cleveland, 2 story, brick, steel and concrete, La Belle Ave., here. $200,000.

Mich., Detroit—APARTMENT—R. Finn, archt., 415 Brainard St., preparing plans 4 story and basement, 150 x 160 ft., rein.-con. and steel apartment. $1,000,000. Owner"s name withheld.

Ill., Chicago — APARTMENT — C. F. Henry, 7455 Greenview Ave., plans 5 story, rein.-con., brick and steel, on 118 x 120 ft. site, Margate Terrace near Sheridan Rd. $400,000. Engineer and architect not selected.

Ill., Chicago — CLUB and STORE — Michaelsen & Rognstod, archts., 3815 West Congress St., soon take bids 13 story and basement, 122 x 140 ft., rein.-con., brick, terra cotta, granite and steel, Madison St. and Hamlin Ave., for West Side Athletic Club, c/o architects. Bids for foundation of above at once. Archts. est. $1,500,000. Hooper & Janiuch, 879 North State St., engrs.

Ill., Chicago—OFFICE—Denford Building Corp., 105 West Monroe St., plans 16 story and basement, 90 x 108 ft. office building, Clark St. near Monroe St. $3,000,000. Engineer and architect not selected.

Ill., Chicago — STORE, OFFICE and APARTMENT—H. Zisook, 1249 East 55th St., having plans prepared by T. R. Bishop, 35 South Dearborn St., 3 story, 180 x 213 ft. building, 75th St. and Exchange Ave. $500,000.

Ill., Chicago—THEATRE and STORE—J. Eberson, archt., 212 East Superior St., soon takes bids 125 x 305½ ft., rein.-con., brick, steel and terra cota, 79th St. and Cottage Grove Ave., for A. Karzas, 853 East 63rd St. $3,000,000.

Ill., Chicago—THEATRE, OFFICE and STORE—Syndicate, c/o M. Wolback, 105 South Dearborn St., had plans prepared by B. Marshall, Wilmette, theatre, North Michigan Blvd. and East Ohio St. $3,000,000.

Wis., Fond du Lac—HOTEL—M. Tullgren & Sons, archts., 425 East Water St., Milwaukee, soon take bids 8 story and basement, brick and concrete addition to Hotel Retlow, plain foundation, here, for Hotel Wisconsin Realty Co., 86 Michigan St., Milwaukee. $200,000. Noted Aug. 20.

Wis., Milwaukee — HOTEL — Republic Building Corp., 530 Grand Ave., having plans prepared by M. Tullgren & Sons, 425 East Water St., 4 story and basement, 50 x 150 ft., brick and concrete, plain foundation, Wells St. $200,000.

Wis., Milwaukee — THEATRE — Saxe Amusement Enterprises, 530 Grand Ave., plans remodeling and constructing 2 story, brick and concrete addition, plain foundation, Kinnickinnic Ave. $150,000. Engineer and architect not selected.

Wis., Wauwatosa — THEATRE and BUSINESS—C. C. Gilles, 331 61st St., organizing new company which is having preliminary plans prepared by J. Topzant, 144 Oneida St., Milwaukee, 2 story and basement, brick and concrete, plain foundation, West Main St. $300,000.

Ia., Cedar Rapids — HOTEL — First Avenue Realty Co., W. K. Wisner, secy. and treas., 2 Waterhouse Blk., having plans prepared by J. W. Fitzpatrick, archt., Chicago, Ill., and N. Hatton, associated archt., Cedar Rapids, 8 story and basement, 140 x 140 ft., Indiana limestone, brick and terra cotta, 1st Ave. and 2nd St. E. $800,000.

Ia., Des Moines—APARTMENT— Westbury Arms Co., c/o F. C. Waterbury, 136 East Locust St., having plans prepared by W. D. Holtzmann, Jr., 502 Commonwealth Bldg., 8 story and basement, 95 x 100 ft., rein.-con., brick and stone, 19th St. and Ingersoll Ave. $600,000. H. W. Hartupee, 204 Masonic Temple, engr.

Minn., Minneapolis—HOTEL—Tenth St. Holding Co., c/o I. S. Whitman, 932 Hennipen Ave., having plans prepared by C. J. Bard, 529 2nd Ave. S., 6 story and basement, rein.-con. and brick, 5th Ave. S. and 10th St. $350,000.

Kan., Oberlin—COURT HOUSE— Decatur Co. takes bids about Nov. 1, 2 story and balcony, 70 x 100 ft., rein.-con., brick, stone and terra cotta court house. $150,000. Squires & Ross, 630 Kansas Ave., Topeka, archts. Noted Aug. 27.

Kan., Topeka—BUSINESS—Kansas Life Insurance Co., 701-3 Jackson St., having plans prepared by T. W. Williamson & Co., 312 Central Natl. Bank Bldg., for office building. $150,000.

Buildings—Commercial (Continued)

Neb., Nebraska City—COURT HOUSE—Otoe Co., L. Stevenson, clk., plans 2 story and basement court house. $200,000. Engineer and architect not selected.

Neb., Omaha — LODGE — Odd Fellows Lodge, 1402 Dodge St., having plans prepared by W. E. Stockham, Sunderland Bldg., 4 story and basement, 64 x 80 ft., rein.-con., brick and steel, 19th and Dodge Sts. $150,000.

Mo., Farmington—COURT HOUSE—St. Francis Co. Court, takes bids about Nov. 30, 3 story and basement, rein.-con., brick and stone courthouse. $250,000. N. B. Howard, International Life Bldg. St. Louis, archt. Noted Sept. 10.

Mo., Springfield — DEPOT — St. Louis & San Francisco Ry. Co., Frisco Bldg., St. Louis, having plans prepared remodeling and constructing 2 story, 77 x 247 ft., stucco and hollow tile addition, Mills and Main Sts., here. $250,000. F. H. Jonah, ch. engr. and archt.

Mo., St. Louis—THEATRE, STORE and APARTMENT — R. Levine, 6951 South Grenn St., Chicago, Ill., soon takes bids 3 story and basement, 137 x 169 ft., rein.-con., brick and stone, Gravois St., here. $750,000. R. Levine Co., 822 West 70th St., Chicago, Ill., archts. Noted June 25.

Mo., University (St. Louis P. O.) — APARTMENT—E. E. Yawitz, 725 Westgate Ave., having preliminary plans prepared 3 story and basement, 100 x 200 ft., rein.-con., brick and stone, 6648-52 Washington Ave. $300,000.

Ark., Fayetteville—HOTEL—A. C. Millar, et al., 221 East Capitol St., Little Rock, having preliminary plans prepared by Seig & McDaniels, 807 Central Bank Bldg., Memphis, Tenn., brick and concrete hotel, Mount Sequoyah St., near here. $300,000.

Tex., San Antonio — AUDITORIUM — City plans election $200,000 bonds additional work on auditorium (now under construction), Jefferson St. Adams & Adams, c/o Builders Exch. Bldg., engrs. and archts. Noted Aug. 20.

Tex., San Antonio—CLUB—San Antonio Casino Club, Market St., having preliminary plans prepared by Kelwood Co., engrs. and archts., Travis Bldg., 6 story and basement, rein.-con. and brick, plain foundation, Market and South Presa Sts. $200,000. Noted July 2.

Tex., San Antonio — OFFICE — W. B. Russ, et al., 1301 Belknap St., having plans prepared rein.-con., brick and stone office for doctors, Camden St. between Main Ave. and Richmand St. $150,000. Phelps & DeWees, Gunter Bldg., engrs. and archts.

Okla., Blackwell—HOTEL—H. F. Ferriman, c/o Chamber of Commerce, making preliminary plans 6 story and basement, 100 x 140 ft., rein.-con. and brick, 1st and Blackwell Aves. $300,000. Engineer and architect not selected.

Okla., Norman—EXCHANGE—Southern Bell Telephone Co., R. J. Benzel, genl. mgr., plans 2 story, fireproof building. $150,000.

N. M., Artesia—HOTEL—Chamber of Commerce, C. Russell, pres., plans 4 story and part basement, 50 room, fireproof, Main St. $150,000. Engineer and architect not selected.

Calif., Fresno—COURTHOUSE—Fresno Co. defeated $350,000 bonds, for courthouse annex. Noted Sept. 10.

Calif., Fresno—HOSPITAL—Fresno Co. defeated $150,000 bonds, for tubercular hospital. Noted June 11.

Calif., Glendale — TEMPLE — Glenale Masonic Temple Assn., having plans prepared by A. G. Lindley, 800 Amer. Bank Bldg., Los Angeles, 5 story, 100 x 120 ft. rein.-con., Maple St. and Central Ave. $300,000.

Calif., Los Angeles — HOTEL — E. R. Rockwell, 742 South Hill St., had plans prepared by S. Dunford, 616 Lincoln Bldg., 2 story, 41 x 52 ft., with 4 wings, Cathay Vista and Eulalio Blvd. $400,000.

Calif., Los Angeles—STORE and LOFT—Kay & Burbank Co., Inc., 1101 Figueroa St., had plans prepared by M. E. Durfee, 208 Chapman Bldg., 3 story, 107 x 153 ft., store and loft building, 1714 South Hope St. $150,000.

Calif., Los Angeles—STORE and OFFICE — Quimby Corp., Metropolitan Theatre Bldg., had plans prepared by Meyer & Holler, Wright-Callendar Bldg., 13 story and basement, 60 x 106 ft., rein.-con., 7th and Grand Aves. $1,000,000. Noted June 11.

Calif., Los Angeles—STUDIO BUILDING—Edwards & Wildey, having plans prepared by Walker & Eisen, 701 Great Republic Bldg., 12 story and basement, 86 x 116 ft., rein.-con., 7th and Lebanon Sts. $600,000.

Calif., Los Angeles — WAREHOUSE — Challenge Cream & Butter Assn., 1219 South San Pedro St., having plans prepared by C. F. Plummer, 1108 Story Bldg., 2 story (ultimately 4 story) and basement, 93 x 240 ft., 2nd and Vignes Sts. $150,000.

Calif., Oakland—HOTEL—Ford Realty Co., 381 Bush St., San Francisco, had plans prepared 5 story and basement, concrete, 22nd and Grove Sts. $150,000. Private plans.

Calif., Oakland—OFFICE and STORE—M. I. Diggs, 17th and Telegraph Ave., soon takes bids 14 story and basement, 16th St. and Telegraph Ave., for Latham Square Corp. $1,000,000. Noted July 2.

Calif., Oakland — TEMPLE — Mystic Shrine of Oakland, having plans prepared by Reed & Cortlett, Bank of Savings Bldg., Shrine Temple, 13th St. $300,000. Noted May 28.

Calif., Richmond—BANK and STORE—Mercantile Trust Co., plans 3 or 4 story, brick, 10th St. and MacDonald Ave. $150,000. Engineer and architect not selected.

Calif., Sacramento—BANK—California Natl. Bank, having plans prepared by L. F. Starks, Ochsner Bldg., 3 or 4 story and basement, steel and concrete 17th and J Sts. $300,000.

Calif., San Francisco—APARTMENT—T. Hamill & R. G. Hall, Inc., 6140 Geary St., had plans prepared by C. A. Meussdorffer, Humboldt Bank Bldg., 8 story and subbasement, steel and rein.-con., Jackson and Steiner Sts. $225,000.

Calif., San Francisco—HOSPITAL—Shea & Shea, archts., 454 Montgomery St., take bids about Nov. 5, 5 story and basement, rein.-con. annex, Hayes and Stanyan Sts., for St. Marys Hospital. $800,000. Noted Aug. 7.

Calif., San Francisco—HOTEL—Interests represented by C. E. Blanchard, 445 Miramar Ave., plan hotel on Pacific Ocean frontage. $1,500,000.

Calif., San Francisco — HOTEL — Weeks & Day, archts., California Insurance Bldg., soon takes bids 15 story and basement, brick and terra cotta, Mason St. between Pine and California Sts., for California-Mason Realty Co., c/o architects; steel, to Dyer Bros., 17th and Kansas Sts. $2,500,000 or more.

Calif., San Francisco—OFFICE—Hunter, Dulin & Co., 256 Montgomery St., plans 25 story office building, Sutter and Montgomery Sts. $5,000,000. Engineer and architect not selected.

Calif., San Francisco—STORE and LOFT—H. Lesser, A. Aronson, et al., 58 2nd St., had plans prepared by Ashley & Evers, Holbrook Bldg., 10 story and basement, rein.-con., 4th St. $1,000,000.

Calif., San Jose—THEATRE—V. A. Benson, c/o Binder & Curtis, archts., 35 West San Carlos St., having plans prepared Class "A" theatre, Alameda St. $150,000.

Calif., Santa Barbara — LODGE—Santa Barbara Lodge B. P. O. E. having plans prepared by J. and D. B. Parkinson, 420 Title Insurance Bldg., Los Angeles, 4 story and basement lodge, on 100 x 170 ft. site. $300,000.

Calif., Santa Clara — THEATRE — Rex Theatre Co., having plans prepared by Reid Bros., 105 Montgomery St., San Francisco, rein.-con. theatre, Franklin St. $150,000.

Calif., Stockton—BANK, etc.—Bank of Italy, Bank of Italy Bldg., San Francisco, had plans prepared by H. A. Minton, Bank of Italy Bldg., San Francisco, 9 story and basement, bank, store and office building, Main and Hunter Sts. $300,000. Steel contract to Dyer Bros., Kansas and 17th Sts., San Francisco. Noted June 25.

B. C., Vancouver—THEATRE—J. F. Langer, 43rd St. and Victoria Rd., South Vancouver, plans fireproof theatre, 2,200 seating capacity, Seymour and Granville Sts. $400,000. W. M. Dodd & Co., 199 8th Ave., East Vancouver, archts.

Ont., Hamilton—HOSPITAL—Providence of Ontario, Dept., Pub. Wks., Parliament Bldgs., Ottawa, plans 2 or 3 story, brick and concrete addition to Ontario Hospital, here. $250,000. F. R. Heakes, Parliament Bldgs., Toronto, archt.

BIDS DESIRED

Mass., Belmont (Boston P. O.)—HOSPITAL — Belmont Hospital, Inc., Concord Ave., taking bids 4 story and basement, 50 x 225 ft., brick, plain foundation. $200,000. M. A. Dyer, 1 Beacon St., Boston, archt. Noted Sept. 17.

Mass., Boston — APARTMENT — See "Contracts Awarded."

Mass., Quincy (Boston P. O.)—TEMPLE—Masonic Assn., address Building Com., taking bids 2 story and basement, 80 x 120 ft. brick, Hancock St. $200,000. J. Williams Beals Sons, 185 Devonshire St., Boston, archts. Noted May 28.

Mass., Somerville (br. of Boston) — THEATRE — A. F. Viano, 19 Pauline St., taking bids 2 story, 65 x 119 ft., rein.-con. brick and steel, Elm St. $150,000. J. A. Quirk, 10 Tremont St., Boston archt. Noted June 18.

R. I., Providence — SCHOOL — Rhode Island College, c/o W. R. Walker & Son, archts., 49 Weybosset St., taking bids 3 story and basement, 60 x 200 ft., brick and terra cotta, Gaspee St. $650,000. Noted Oct. 1.

R. I., Woonsocket — CHURCH and SCHOOL—Sacred Heart Parish, c/o A. J. Murphy, archt., 146 Westminster St., Providence, taking bids 1 and 2 story and basement, brick, stone and granite church and school, here. $150,000.

Conn., Stamford—HOTEL—P. Vanech, 416 Main St., taking bids 5 story, 48 x 128 ft., brick and steel, Main St. $350,000. F. Urso, 432 Main St., archt. Noted June 11.

N. Y., New York—APARTMENT—See "Contracts Awarded."

N. Y., New York — COURT HOUSE — Oct. 29, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., municipal court house for 1st Dist., Williamsbridge Rd. and Roberts Ave.

N. J., Camden — OFFICE — Oct. 26, by L. B. Rothschild, 215 South Broad St., Phila., 12 story and basement, 42 x 140 ft., rein.-con., brick and steel, concrete pile foundation, Hway. and Cooper St., here, for Wilson Building Corp., 336 Market St. $600,000. Noted Oct. 15.

Pa., Phila. — LODGE — Oct. 28, by H. Mueller, Crozer Bldg., rein.-con., brick, granite and marble, plain foundation, 17-19 North Broad St., for P. O. S. of A., c/o H. V. McFayden. $250,000. Noted Oct. 1.

Md., Baltimore—CLUB—Oct. 28, by C. N. and N. Friz, archts., Lexington Bldg., 3 story and basement, 68 x 110 ft., brick and steel, plain foundation, Saratoga and St. Paul Sts., for City Club Building Co. Munsey Bldg. $500,000. H. F. Doeleman, 507 North Charles St., engr.

D. C., Wash. — HOTEL — Nov. 2, by Milburn, Heister & Co., archts., 710 14th St. N. W., 10 story, 63 x 75 ft., fireproof, 13th and H Sts. N. W., for Cosmopolitan Hotel. Noted Aug. 6.

O., Cleveland — APARTMENT — J. Narosny & S. Libhaber, 11523 Tuscora St., taking bids 3 story and basement, 50 x 116 ft., brick, 1715 East 115th St. $150,000.

O., Cleveland — STORE and APARTMENT — H. Gatin, 1121 East 98th St., taking bids 3 story and basement, 80 x 106 ft., brick and timber, East 138th St. and Glenside Ave. $150,000. M. Weis, 617 Union Bldg., archt.

O., Youngstown — STORE — Dec. 1, by Strouss-Hirshburg, West Federal St., 6 story and basement, 100 x 300 ft., brick and steel or rein.-con., Central Sq. $1,500,000.

Mich., Detroit—WAREHOUSE—Crowley Milner Co., Gratiot and Farmer Sts., taking bids 8 story and basement, 130 x 160 ft. warehouse, Lafayette Ave. Smith, Hinchman & Grylls, 800 Marquette Bldg., archts.

Ill., Chicago—APARTMENT—Nov. 1, by R. S. De Golyer & Co., archts., 307 North Michigan Ave., 15 story and basement, 95 x 125 ft., rein.-con., brick and stone, wood pile foundation, 1320 North State St., for H. O. Stone & Co., 111 West Washington St.; foundation for above, to Hegeman-Harris Co., Inc., 415 North Michigan Ave. Archts. est. $1,500,000. Noted Aug. 20.

Ill., Chicago—STORE and APARTMENT—D. S. Klafter, archt., 64 West Randolph St., taking bids 3 story, 84 x 100 ft., rein.-con., brick and steel, 71st St. and Ridgeland Ave., for J. J. Gibbs, 905 East 63rd St.

Wis., Kenosha—GARAGE and STORAGE—Wisconsin Gas & Electric Co., Pub. Serv. Bldg., taking bids 2 story, 82 x 125 ft., brick, steel and concrete, plain foundation. $150,000. P. M. Adams, c/o owner, archt.

Ark., Russellville — ARMORY and TEXTILE SCHOOL — Oct. 31, by O. M. Young, secy. Building Committee Bd. Trustees of State Agricultural School, 3 story, brick and concrete armory and textile school. $150,000. H. R. Burks, 307 Southern Trust Bldg., Little Rock, archt.

Calif., Altadena (Pasadena P. O.) — HOME—Boys and Girls Aid Society, Altadena Bldg., taking bids 2 story, 133 x 262 ft. main building, 2 story, 114 x 143 ft. hospital, four 1 story, 31 x 196 ft. dormitories, 50 x 54 ft. power house, etc. $300,000. M. Hunt, 1107 Hibernian Bldg., Los Angeles, archt. Noted Sept. 17.

Calif., Los Angeles—THEATRE, STORE and OFFICE—West Coast Theatres, Inc., Knickerbocker Bldg., taking bids 2 story, 135 x 150 ft., rein.-con., Maplewood and Western Aves. $150,000. L. A. Smith, 3rd and Western Aves., archt. Noted Sept. 17.

Calif., Los Angeles — WAREHOUSE — Goodyear Tire & Rubber Co., 6701 South Central Ave., taking bids 4 story warehouse, Central Ave. $150,000. Private plans. Noted Oct. 15.

Calif., Oakland—THEATRE—Trans Bay Theatres, c/o A. A. Cantin, archt., 544 Market St., San Francisco, taking bids theatre, 2,000 seating capacity, Telegraph Ave. $200,000 or more.

Buildings—Commercial (Continued)

Calif., San Francisco—APARTMENT—See "Contracts Awarded."

Calif., San Francisco — HOTEL — See "Contracts Awarded."

Calif., San Francisco—HOTEL—Hyman & Appleton, archts., 68 Post St., taking bids 6 story and basement, rein.-con., Taylor St. near Ellis St., for E. Tropp. $155,000.

Calif., San Jose—BANK and OFFICE—H. A. Minton, archt., Bank of Italy Bldg., San Francisco, taking bids 12 story and basement, bank and office building, 1st and Santa Clara Sts., for Bank of Italy. $900,000. Noted July 23.

BIDS RECEIVED

Calif., Sacramento—AUDITORIUM—City Council, Sept. 17, general contract brick auditorium, from Mathews Constr. Co., Forum Bldg., $524,000; electrical work and plumbing, from Latourette-Fical Co., 709 Front St., $26,464 and $24,500 respectively; heating and ventilating from Hately & Hately, Mitau Bldg., $60,947. Noted Sept. 10.

CONTRACTS AWARDED

Me., Boothbay Harbor — HOTEL — Boothbay Harbor Co., 4 story and basement, 75 x 85 ft., brick and timber, to H. Purrington Co., 95 Temple St., Waterville. Archts. est. $160,000.

Vt., Burlington — BANK — Burlington Trust Co., B. C. Carver, cashier, bank building, Church and College Sts., to Kieslick Constr. Co., 176 College St. Noted Aug. 20.

Vt., St. Johnsbury — THEATRE and STORE — A. Tegu, 1 and 2 story and basement, brick and stone, to J. Bergeron, Keene, N. H. Archts. est. $150,000. Noted Oct. 1.

Mass., Boston—APARTMENT—Owner, c/o J. A. Tuck, archt., 439 Park Sq. Bldg., will build 3 story and basement, 80 x 150 ft., brick, plain foundation, Waumbeck St., by day labor, under supervision of architect. $200,000.

Mass., Boston—HOTEL—Hotel Bellevue, I. Woods, 21 Beacon St., 9 story and basement, 60 x 95 ft., brick, limestone and steel addition, plain foundation, 25 Beacon St., to Boyle Robertson Constr. Co., 370 Commonwealth Ave. Archts. est. $750,000. Noted Oct. 15.

Mass., Cambridge (Boston P. O.) — DORMITORY — Harvard University, Strauss Dormitory, 4 story and basement, 32 x 175 ft., brick and stone, Massachusetts Ave. and Peabody St., to Whidden-Beekman Co., 100 Boylston St., Boston. Archts. est. to exceed $150,000. Noted Aug. 6.

Mass., Dorchester (Boston P. O.) — APARTMENT—J. Morris, 332 West Bway., South Boston, 3 story and basement, brick and timber, plain foundation, Fields Corner Dist., here, to S. Rogers, 332 West Bway., South Boston. Archts. est. $200,000. Noted Oct. 8.

Mass., Greenfield—LODGE—Knights of Columbus, N. Lawler, chn., 7 story, 70 x 130 ft., brick, steel and stone, Federal St., to Thomas Bros. Co., Main St., Turners Falls. Archts. est. $250,000. Noted Aug. 6.

Mass., Marlboro—BANK and OFFICE—Peoples Natl. Bank, S. R. Stevens, pres., 2 story and basement, 30 x 50 x 100 ft., rein.-con. brick, stone and steel, to T. Hurley, Marlboro. Archts. est. $150,000. Noted Oct. 8.

Mass., Maynard — BANK — Maynard Trust Co., Main St., 2 story and basement, brick, stone and granite, plain foundation, Main St., to T. P. Hurley, 196 Main St., Marlboro. Archts. est. $150,000. Noted Oct. 15.

R. I., Providence—BUSINESS—F. B. Strauss, 210 Potter Ave., 3 story and basement, 75 x 105 ft., brick, Aborn St., to Famiglietti Constr. Co., 539 Charles St. Archts. est. $150,000.

Conn., Greenwich — SALES and SERVICE GARAGE—Putnam Corp., 23 West Putnam Ave., 1 story and basement, 115 x 205 ft., brick and steel, to Saxton Gerard Co., West 44th St., New York City. Archts. est. $150,000.

Conn., Hartford — GARAGE — Connecticut Co., State St., 1 story, about 90 x 180 ft., brick and steel, to Brainard-Bartlett Co., Farmington Ave. Archts. est. $150,000.

Conn., Willimantic — EXCHANGE — Southern New England Telephone Co., New Haven, remodeling and constructing 3 story, brick and terra cota addition, to Peck-Williams Co., Norwich. Archts. est. $150,000.

N. Y., New York—APARTMENT—Wallrock Building Co., Inc., c/o G. G. Miller, archt. and engr., 1482 Bway., will build 6 story, 100 x 115 ft., brick, steel and stone, plain foundation, Nelson Ave., by day labor. Archts. est. $200,000.

N. Y., New York—APARTMENT—G. P. Improvement Co., c/o G. W. Swiller, archt., 543 Claremont Pl., will build 6 story, brick, steel and stone, plain foundation, Nelson Ave., by day labor. $250,000.

N. Y., New York — APARTMENT — Kingsbridge Road Corp., c/o G. G. Miller, archt. and engr., 1482 Bway., will build rein.-con., brick and stone, plain foundation, Kingsbridge Rd., by day labor. $900,000.

N. Y., New York — APARTMENTS — Structwell Building Corp., c/o G. G. Miller, archt. and engr., 1482 Bway., two 6 story, 78 x 100 ft., and 81 x 150 ft., brick, steel and stone, plain foundations, Union Ave., by day labor. $300,000 each.

N. J., Atlantic City—HOTEL—Warren & Wetmore, archts., 16 East 47th St., New York City, 2 story and basement, 52 x 84 brick and steel addition, plain foundation, Boardwalk and St. Charles Pl., here, to F. V. Warren Co., 1913 Arch St., Phila., Pa., for St. Charles Hotel Co. Archts. est. $500,000. Noted Aug. 27.

N. J., Atlantic City — HOTEL — W. M. Stanton, archt., 1524 Chestnut St., Phila., Pa., 7 story and basement, 50 x 50 ft. brick and steel addition to Easbourne Hotel, plain foundation, Pacific Ave. and Park Pl., here, to S. Headley, Guarantee Trust Bldg., for H. S. Hamilton, Pacific St. and Park Pl. Noted Sept. 24.

Pa., Dormont (Pittsburgh P. O.)—BANK—Dormont Savings & Trust Co., Masonic Bldg., general contract 2 story and basement, 50 x 120 ft., West Liberty Ave., to F. L. Becker, Grandine Ave. Archts. est. $150,000. Noted Oct. 15.

Pa., Phila.—APARTMENT—Watson Co., archts., 15 Park Row, New York City, N. Y., 5 story and basement, 60 x 220 ft., rein.-con., brick and steel, plain foundation, 4111 Walnut St., to R. E. Lamb Co., 843 North 19th St., for Apartment Homes, Inc., Stock Exch. Bldg. Archts. est. $700,000.

Va., Danville — ORPHANAGE—Hughes, Orphanage, (8 units) orphanage on J. E. Hughes farm 5 mi. north of here, incl. sewerage system, to Plummer-Wiseman Co., Danville, approximately $300,000. Archts. total est. $2,000,000.

La., New Orleans — OFFICE, etc. — R. Debuys, J. G. Landry, and A. Theard, archts., Hibernia Bank Bldg. 3 story, rein.-con. and brick office building and filling station, St. Charles St. and Lee Circle to W. H. Williams Co., Inc., 816 Howard Ave., for Texas Oil Co., Whitney Bldg. $113,000. Noted Sept. 24.

O., Cleveland — APARTMENT—Keemar Realty Co., H. R. Taylor, pres. and genl. mgr., 2925 Scarborough Rd., Cleveland Heights, 3 story and basement, 51 x 140 ft., East 101st St. and Keemar Ave., here, to J. W. Stewart, 2853 Berkshire Rd., Cleveland Heights. Archts. est. $175,000.

O., Cleveland — COMMERCIAL and LODGE — Banater Hall Assn., c/o O. N. Chamberlin, archt., 1222 West Clifton Blvd., Lakewood masonry contract 3 story and basement, 83 x 132 ft., brick, steel and concrete, West 120th St. and Lorain Ave., here, to N. Fetzer, 2230 Denison Ave. Archts. est. $150,000. Noted June 11.

O., Cleveland—STORAGE and WAREHOUSE—Malbin Realty Co., L. and S. Malbin, 3704 East 34th St., 5 story and basement, 82 x 230 ft., brick and rein.-con., East 35th St., to J. Boman, 632 East 101st St. Archts. est. $200,000. Noted Aug. 27.

O., Cleveland — STORE and APARTMENT — Syndicate c/o J. P. Stotter Co., Hanna Bldg., 3 story and basement, 100 x 140 ft., brick, Euclid and Delmont Aves., to J. Miller, 10819 Drexel Ave. Archts. est. $150,000.

O., Lakewood (Cleveland P. O.) — STORE and APARTMENT—C. S. Shmock, c/o A. C. Yost, archt., Caxton Bldg., Cleveland, 3 story and basement, 77 x 88 ft., brick and steel, plain foundation, Morrison and Madison Aves., here, to Mitzel-Shields Co., Rose Bldg., Cleveland. Archts. est. $150,000.

Mich., Jackson — HOTEL — Holabird & Roche, archts., 104 South Michigan Ave., Detroit, general contract 9 story and basement, 126 x 127 ft., rein.-con. hotel, here, to Christman Co., Porter Apts., Lansing, for Hotel Hayes. Archts. est. $800,000. Noted Sept. 17.

Ill., Chicago—APARTMENT—S. Cole, et al., c/o B. L. Steif & Co., archts., 307 North Michigan Ave., general contract 11 story, 107 x 150 ft., fireproof, Delaware Pl. near North Michigan Ave., to Longacre Eng. & Constr. Co., 127 North Dearborn St. Archts. est. $2,000,000.

Ill., Chicago—APARTMENT HOTEL—M. Glasser, 1034 Byron St., general contract 3 story and basement, 50 x 135 ft., brick, steel and stone, 4045-4047 Kenmore Ave., to Realty Building & Constr. Co., 177 North State St. Archts. est. $175,000. Noted Aug. 13.

Ill., Chicago — BANK and OFFICE — Produce Exch. Building Corp., 111 West Washington St., B. K. Goodman, pres., general contract 10 story and basement, 97 x 103 ft., rein.-con., brick, steel and stone, Racine Ave. and 14th Pl., to McLennan Constr. Co., 307 North Michigan Ave.

Ill., Chicago — HOSPITAL — Illinois Masonic Hospital, 834 Wellington Ave., general contract 5 story and basement, 62 x 77 ft., rein.-con. and brick, 834 Wellington Ave., to J. Shedden & Co., 106 North LaSalle St. Archts. est. $200,000.

Ill., Chicago—STORE and APARTMENT—J. R. Loewenstein, c/o T. R. Bishop & Co., archts., 39 South Dearborn St., general contract 5 story, 74 x 150 ft., rein.-con. and steel, 5222-5226 Harper Ave., to H. Zisook, 1209 East 55th St. Archts. est. $479,000.

Wis., Madison — HOTEL—M. Tullgren & Sons, archts., 9 Waverly Pl., Milwaukee, 8 story and basement, brick and concrete addition, plain foundation, Fairchild St., here, to S. M. Seisel Co., 160 Ogden Ave., Milwaukee, for Hotel Wisconsin Realty Co., 86 Michigan St., Milwaukee. Archts. est. $250,000. Noted Oct. 1.

Wis., North Milwaukee (Milwaukee P. O.)—THEATRE and BUSINESS—E. A. Meyer, archt., 2703 Lisbon Ave., Milwaukee, 2 story and basement, 62 x 120 ft., brick and concrete, plain foundation, Villard Ave., here, to Reisinger & Co., 464 Oakland Ave., Milwaukee, for M. Brumm. $160,000. Noted Sept. 3.

Kan., Ft. Scott — TEMPLE — Scottish Rite Masons, general contract 3 story, basement and mezzanine, 100 x 120 ft., rein.-con., brick and stone, to Blaser-Vollmer Constr. Co., Ft. Scott, $135,342. Noted Sept. 24.

Neb., Omaha — POSTAL TERMINAL — Chicago, Burlington & Quincy R.R. Co., 547 Jackson Blvd., Chicago, Ill., structural steel for 2 story and basement, rein.-con. and steel terminal, 11th and Mason Sts., to Paxton & Vierling, 16th and Mason Sts.; owner soon takes bids for brick and concrete work for above. Archts. est. $500,000. W. T. Krausch, 547 Jackson Blvd., archt.

Minn., Minneapolis—BUS TERMINAL—Great Northern Transit Co., 4th and Jackson Sts., St. Paul, general contract 2 story and basement, 160 x 230 to 288 ft., rein.-con. and brick, 6th St. and 6th Ave. N. to E. G. Evensta Co., 714 Builders Exch. Bldg. Archts. total est. about $100,000. Noted Aug. 20.

Ark., Russellville—HOTEL—J. Mortenson, et al., Mexia, Tex., 4 story and basement, 55 x 96 ft., rein.-con., brick and steel, Main and St. Marys Sts., here, to O. S. Nelson, Main and St. Marys St., Russellville. Archts. est. $175,000.

Colo., Colorado Springs—SANATORIUM—Natl. Tuberculosis Sanatorium, (1st unit) to sanitorium, to A. Olsen, Patterson Bldg., Denver, about $175,000.

Calif., Berkeley — APARTMENT — F. Koerber, 2054 University Ave., 4 story, rein.-con., College Ave. near Ashby St., to Carlson-Lo Prest Co., Koerber Bldg., $150,000.

Calif., Oakland—HOTEL—J. K. Leaming, Ray Bldg., general contract 10 story and basement, brick and concrete, 19th and Franklin Sts., to A. Johnson, Call Bldg., San Francisco, $235,550. Noted Sept. 17.

Calif., Oakland — HOTEL — United Income Properties Co., c/o J. L. Stewart, archt., 702 Market St., San Francisco, Boulevard Hotel, 14 story, San Pablo, Market and 28th Sts., to L. J. Cohn, 1 De Haro St., San Francisco, approximately $2,000,000. Contractor taking bids for excavating and structural steel. Noted Oct. 1.

Calif., Richmond — HOTEL — J. W. Plachek, archt., Mercantile Bank Bldg., Berkeley, 5 story, rein.-con. and brick, Main and 10th Sts. to Barrett & Hilp, 918 Harrison St., San Francisco, for Richmond Hotel Co., c/o architect. $165,000. Noted Oct. 15.

Calif., San Francisco—APARTMENT—W. H. Peaslee, c/o E. E. Young, archt., 2002 California Ave., will build 6 story and basement, concrete and steel, Greenwich St. near Larkin St., by day labor. $175,000.

Calif., San Francisco—APARTMENT—M. V. Brady (owner and contractor), Monadnock Bldg., will build 6 story, concrete, Turk St. between Jones and Taylor Sts., by day labor. $150,000. Private plans.

Calif., San Francisco—APARTMENT—California Building & Finance Co., 319 De Young Bldg., 6 story and basement, rein.-con., Van Ness Ave. near Green St., to C. F. Parker, 251 Kearny St. Archts. est. $160,000.

Calif., San Francisco—APARTMENT—C. Johnson, 2360 Gough St. will build 6 story and basement, brick and steel, Green and Buchanan Sts., by day labor. $200,000. Baumann & Jose, 251 Kearny St., archts.

Buildings—Commercial (Continued)

Calif., San Francisco—APARTMENT—M. E. Vukicevich, 708 Hearst Bldg., will build 9 story and basement apartment, Sutter St. near Leavenworth St., by day labor. $175,000. A. I. Coffey, Phelan Bldg., archt.

Calif., San Francisco—APARTMENT—E. V. Lacey, 180 Jessie St., will build 4 story and basement, rein.-con., Fulton St. near Franklin St., by day labor. $150,000. J. C. Hladik, Monadnock Bldg., archt.

Calif., San Francisco—APARTMENT—J. Greenbach, Examiner Bldg., will build 15 story and basement, 60 x 60 ft., rein.-con. Post St. near Jones St., by day labor. $250,000 or more. J. C. Hladik, Monadnock Bldg., archt.

Calif., San Francisco—HOSPITAL—St. Francis Hospital, Bush and Hyde Sts., rein-con. addition to Physicians Building and Nurses Home, to R. McLeran Co., Hearst Bldg., approximately $350,000. Noted June 11.

Calif., San Francisco—HOTEL—P. Midbust, 529 Pierce St., will build 6 story and basement, rein.-con., Breen Pl. and McAllister St., by day labor. $150,000.

Calif., San Francisco—THEATRE—W. S. King, (owner and contractor), Hearst Bldg., will build theatre, Haight St. $150,000. Golden State Theatre & Realty Co., Gate Ave., lessee.

Calif., Willows—HOTEL—C. J. Sadler, 3 story and basement, brick, Butte and Walnut Sts., to C. Mabrey, Ochsner Bldg., Sacramento, $200,000.

Buildings—Educational, Religious

PROPOSED WORK

Mass., Auburn—HIGH SCHOOL—Town, C. Harris, supt. schools, having preliminary plans prepared by Brainard & Leeds, 89 Franklin St., Boston, 2 story and basement, brick high school. $150,000.

Mass., Boston—SCHOOL—City, Schoolhouse Dept., City Hall, having preliminary plans prepared by J. H. Driscol, 6 Beacon St., 3 story and basement, brick and stone, Warrenton St. $1,500,000.

Mass., Gardner—HIGH SCHOOL—Town, School Com., City Sall, having plans prepared by Guilbert & Betelle, 20 Branford St., Newark, N. J., brick and steel high school. $500,000.

Mass., Lowell—CONVENT and SCHOOL—St. Peters Church, 25 Granby St., Boston, W. O. O'Connell, archbishop, plans convent and school, South and Highland Sts., here. To exceed $150,000. Engineer and architect not selected.

Mass., Marion — DORMITORY — Tabor Academy rejected bids 2 story and basement, 40 x 400 ft., brick and stucco, plain foundation. $150,000. Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., Boston, archts. Noted Oct. 1.

Mass., Salem—HIGH SCHOOL—City, J. J. McCarthy, chn., plans high school addition, Highland Ave. $150,000 or more. Engineer and architect not seleced.

Mass., Tyngsboro — ACADEMY — Notre Dame Academy, W. O'Connell, cardinal, Boston, having plans prepared by M. P. Meade, 80 Boylston St., Boston, 4 story and basement, 175 x 315 ft., brick and stone, plain foundation. To exceed $150,000.

R. I., Woonsocket — HIGH SCHOOL — City, School Com., City Hall, having plans prepared by W. F. Fontaine, 285 Main St., Junior High School. To exceed $150,000. Noted Sept. 3.

Conn., Stamford—HIGH SCHOOL—City, F. B. Bartram, 117 Hubbard Ave., chn., plans high school addition, Strawberry Hill Rd. To exceed $150,000. Engineer and architect not selected.

N Y., Newburgh—HIGH SCHOOLS—Bd. Educ. having revised plans prepared by W. F. Gilbert, 358 5th Ave., New York City, 3 story, brick, steel, stone, plain foundation. $250,000. Noted Aug. 7, 1924.

Pa., Pittsburgh—CHURCH—First German Evangelical Lutheran Congregation, c/o Synod, plans 1 and 2 story and basement, 144 x 200 ft., Neville St. $400,000. Engineer and architect not selected.

N. C., Asheville—HIGH SCHOOL—City plans 4 story and basement, Ridgelawn Ave. and Circle St. J. H. Cathey, mayor.

N. C., Goldsboro—HIGH SCHOOL—City plans new high school $250,000 bonds voted.

N. C., Shelby — SCHOOL — City plans to sell $200,000 bonds Oct. 21, for new school buildings.

Miss., Hazelhurst — SCHOOLS — See "Waterworks."

O. Akron—SCHOOL—Bd. Educ., plans rebuilding oldest section Spicer School and constructing 16 room addition, Spicer St. $150,000.

O., Akron—SCHOOL—Bd. Educ., plans 2 story school, East Akron St. $150,000 or more.

O., Athens — MEMORIAL — Ohio State University Alumni Assn., E. B. Bryan, pres., plans brick, steel and stone memorial. $200,000. Howell & Thomas, 4500 Euclid Ave., Cleveland, archts.

O., Brecksville—SCHOOL—Election Nov. 3 $150,000 bonds, 2 story, brick, steel and concrete addition, for Bd. Educ., H. A. Ellsworth, clk. A. E. Skeel, 5005 Euclid Ave., Cleveland, archt.

O., Chillicothe—SCHOOL—Bd. Educ., W. H. Hernstein, chn., election Nov. 3, $800,000 bonds, altering and constructing brick, steel and concrete, high and grade school addition. Garber & Woodward, Union Central Bldg., Cincinnati, archts.

O., Cleveland — CHAPEL and CREMATORY — City, W. R. Hopkins, city mgr., having plans prepared by Andrews, Jones, Biscoe & Whitmore, 50 Congress St., Boston, Mass., 1 story, 91 x 112 ft., brick and stone, Highland St. $150,000.

O., Cleveland — HIGH SCHOOL — Bd. Educ., F. G. Hogen, dir., plans Junior High School, 28 room, brick, steel and concrete, near Quincy Ave. and East 93rd St. $825,000. G. M. Hopkinson, 6th St. Clair Bldg., archt.

O., Cleveland — SCHOOL — Bd. Educ., F. G. Hogen, dir., having plans prepared by G. M. Hopkinson, 6th St. Clair Bldg., 2 story and basement, 14 room, brick, steel and concrete addition, East 114th St. and Belmont Ave. $247,500.

O., Lakewood (Cleveland P. O.) — CHURCH — Sts. Cyrill and Methodeus Roman Catholic Church, A. J. Masat, pastor, 12608 Madison Ave., having plans prepared by E. T. P. Graham, 171 Newbury St., Boston, Mass., and F. S. Fish, resident archt., 6007 Euclid Ave., Cleveland, 1 story brick, Lakewood and Madison Aves. $200,000.

O., Oakharbor — CHURCH — St. Johns Lutheran Church, B. F. Brandt, pastor, having preliminary plans prepared by Corbusier, Lenski & Foster, B. F. Keith Bldg., Cleveland, 1 story 56 x 140 ft., brick and steel church. $150,000.

O., Parma (Cleveland P. O.)—SCHOOLS—Bd. Educ., I. D. Siegfried, clk., Pearl Rd., election Nov. 3, $300,000 bonds, two 2 story and basement, brick, steel and concrete schools. Engineer and architect not selected.

O., Rocky River—SCHOOLS—Bd. Educ., K. K. Hastings, pres., Rocky River election Nov. 3, $350,000 bonds, two 2 story and basement, brick, steel and concrete schools. Engineer and architect not selected.

O., Youngstown—SCHOOLS—Bd. Educ., W. Rooney, building com., soon takes bids two 2 story schools with auditoriums, one on Idlewood St., and other at Fosterville St. $250,000 each.

Mich., Birmingham — SCHOOL — G. G. Booth, Cranbrook, having plans prepared by E. Saarinen, Bloomfield Hills, group 2 story and basement, concrete and brick building at Bloomfield Hill, here. $500,000.

Mich., Highland Park (Detroit P. O.)—SCHOOL—Bd. Educ. had plans prepared by M. R. Burrowes, 3633 Cass Ave., 3 story and basement, 100 x 200 ft., rein.-con., brick and steel, Buena Vista Ave. Noted Mar. 19.

Ill., Freeport — HIGH SCHOOL — J. P. Muldoon, bishop, 1704 National Ave., Rockford, having preliminary plans prepared by A. Brisch, 704 Jackson St., Oak Park, 2 story and basement, 130 x 130 ft., rein.-con., brick and stone high school for Catholic children. $200,000.

Ill., Wheaton — ADMINISTRATION — Amer. Theosophical Society, 826 Oakdale Ave., Chicago, having preliminary plans prepared by Pond & Pond, 6 North Michigan Ave., Chicago, 3 story and basement, brick, concrete and stone, Geneva Rd. near Main St., here. $150,000.

Wis., Beloit—SCHOOL—St. Judes Congregation, 747 Hackett St., having plans prepared by F. Kemp, Goodwin Blk., and soon takes bids 2 story and basement, 60 x 162 ft., brick and tile, plain foundation. $150,000.

Wis., Milwaukee — JUNIOR HIGH and GRADE SCHOOL — School Bd., F. M. Harbach, secy., 10th and Prairie Sts., had plans prepared by G. E. Wiley, c/o Owner, 3 story and basement, brick, tile and concrete, Fond du Lac Ave. $400,000.

Wis., Milwaukee — PRE-VOCATIONAL SCHOOL—School Bd., c/o F. M. Harbach, secy., 10th and Prairie Sts., having plans prepared by G. E. Wiley, c/o owner, 2 and 3 story and basement, brick, tile and concrete, plain foundation, Windlake Ave. $600,000.

Wis., Milwaukee—SYNAGOGUE—Temple B'ne Jeshurun, M. Breslauer, pres. of congregation, 80 Farwell Ave., plans 2 story and basement, brick, stone and concrete, plain foundation. $250,000. Engineer and architect not selected.

Ia., Dubuque—SCHOOL—University of Dubuque had plans prepared by F. J. Saam, 4th and Main Sts., and soon takes bids 3 story and basement, rein.-con., brick, tile and stone, on campus. $200,000.

Kan., Junction City—SCHOOLS—Election Nov. 3, $245,000 bonds, 2 grade schools.

Neb., Benson (Sta. Omaha) — HIGH SCHOOL—Bd. Educ., City Hall, Omaha, had plans prepared by J. and A. McDonald, Standard Oil Bldg., Omaha, and soon takes bids 2 story and basement, rein.-con. and steel, plain foundation, here. $600,000.

Neb., Lincoln — HIGH SCHOOL — Bd. Educ., J. G. Ludlam, secy., soon takes bids Irving Junior High School, 3 story and part basement, 192 x 328 ft., rein.-con., brick and stone. $650,000. Fiske, Meginnis & Schaumburg, Bankers Life Bldg., archts.

Neb., Seward — COLLEGE — Concordia College plans 2 story and basement college building. $150,000.

Ark., Little Rock—BAKERY—A. C. and G. O. Jones, plans 3 story, rein.-con. and brick bakery. $250.000.

Tex., Breckenridge — SCHOOL — Bd. Educ., c/o J. E. Hickman, pres., plans rein.-con., brick and stone school. $150,000. Engineer and architect not selected.

Okla., Carmen — CHURCH — First Methodist Church takes bids about Oct. 18, 1 story and basement, 73 x 154 ft., rein.-con., brick and stone, plain foundation. $150,000. H. H. Dohe, Okeene, archt. and engr. Noted July 30.

Ore., Eugene — FINE ARTS — State Building Comn., Salem, having plans prepared by Lawrence & Holford, Chamber of Commerce Bldg., Portland, new Fine Arts Bldg., University grounds, here. $350,000.

Ore., Portland—SCHOOLS—School Bd. having plans prepared by G. H. Jones, c/o owner, for 4 grade schools, one at Morris and Mississippi Aves., $300,000; one at West Park and Jefferson Sts., to exceed $300,000; one at 40th and Fremont Sts., $180,000, and other at Union N. and Bryant Sts., to exceed $250,000.

Calif., Crockett—HIGH SCHOOL—John Swett Union High School Dist. voted $450,000 bonds for fireproof high school. Noted Sept. 24.

Calif., Los Angeles—SCHOOL—Bd. Educ. having plans prepared by Dodd & Richards, 905 Brack-Shops Bldg., 2 story, 65 x 288 ft. main building, 2 story, 55 x 114 ft. gymnasium and locker building, 1 story, 70 x 228 ft. manual arts building, 83 x 42 ft. swimming pool, etc., 69th and Main Sts., $275,000.

Calif., Oakland—SCHOOLS—City having plans prepared by H. Schroder, 532 15th St., fireproof annex to Elmhurst School, $150,000, and by J. J. Donovan, 1916 Bway., for fireproof addition to same school, $170,000; also having plans prepared by W. H. Weeks, 369 Pine St., San Francisco, 13 room Lockwood School. $169,000.

Calif., San Francisco — CATHEDRAL — Grace Cathedral, c/o L. P. Hobart, archt., Crocker Bldg., had preliminary plans prepared cathedral, California and Jones Sts. $1,000,000.

BIDS DESIRED

Calif., San Francisco — APARTMENT — See "Contracts Awarded."

Conn., Storrs — DORMITORY — Storrs Agriculture College, F. M. Salmon, state comptroller, State House, Hartford, taking bids 3 story and basement, 40 x 190 ft., brick and steel, plain foundation. $160,000. D. K. Perry, 17 Court St., New Britain, archt. Noted Sept. 10.

N. Y., Woodhaven (br. of Jamaica) — SCHOOL — Nov. 5, by W. H. Gompert, archt., Flatbush Ave. extension and Concord St., Brooklyn, School 63, Sutter Ave. from 90th to 91st Sts., here, for Bd. Educ., 59th St. and Park Ave., New York City.

N. Y., New York — NURSES RESIDENCE — Oct. 26, by Bd. Trustees Bellevue & Allied Hospital, 415 East 26th St., J. J. McGrath, pres. alterations and addition to nurses residence, Fordham Hospital, Southern Blvd. and Crotona Ave., Bronx.

Buildings—Educational, Religious (Cont.)

N. J., Blackwood—HIGH SCHOOL—Oct. 27, by Bd. Educ., c/o J. Price Glendora, Junior High School, 2 story and basement, 106 x 130 ft., rein.-con. and brick, plain foundation. $150,000. T. Stephens, Temple Bldg., Camden, archt. Noted Oct. 1.

N. J., Princeton—CHAPEL—Princeton University, taking bids 1 story, basement and balcony, 115 x 177 ft., stone and terra cotta chapel. $1,500,000. Cram & Ferguson, 248 Boylston St., Boston, Mass., archts. Noted Apr. 23.

Md., College Park—COLLEGE—Oct. 26, by Smith & May, archts., Calvert Bldg., Baltimore, 3 story and basement, 74 x 112 ft. rein.-con. chemistry building, and 1 story and basement, 53 x 130 ft. dining building, both rein.-con. and brick, plain foundations, here, for University of Maryland. $150,000. Noted Aug. 27.

Ala., Birmingham—SCHOOLS—Nov. 16, by Bd. Educ., Moore School, 2 story and basement, brick and concrete. B. B. Burnham, Age-Herald Bldg., archt. W. B. Ittner, Bd. Educ. Bldg., St. Louis, Mo., associated archt. Noted Aug. 27.

Tenn., Knoxville—ECONOMICS—Nov. 9, by T. D. Morris, secy. and treas. University of Tennessee, 3 story, 75 x 200 ft., rein.-con., brick and steel economics building, on campus. $150,000. Jones & Furbringer, Porter Bldg., Memphis, archts. Noted Sept. 24.

Tenn., Memphis—LABORATORY—Nov. 5, by Jones & Furbringer, archts., Porter Bldg., laboratory for University of Tennessee Medical School, Monroe Ave. $150,000.

Mich., Detroit — SCHOOL — Oct. 31, by C. A. Gadd, bus. mgr. Bd. Educ., 2 story and part basement, 74 x 101 ft., and 82 x 191 ft. school, Garden and Prairie Aves, McGrath, Dohmen & Page, 2231 Park Ave., archts.

Mich., Flat Rock—HIGH SCHOOL—Oct. 29, by F. Bryant, secy. Trustees Bd. Educ., 2 story and basement, 130 x 150 ft., rein.-con. and brick, Distr. 1. A. H. Gould & Son, 602 Empire Bldg., Detroit, archts.

Tex., San Antonio — HIGH SCHOOL — Nov. 6, by Phelps & DeWees, archts., Gunter Bldg., and A. B. and R. M. Ayres, archts., Bedell Bldg., Junior High School, 1 and 2 story, rein.-con. brick and tile, plain foundation, Yorkshire and Berkshire Sts., for City. Noted Oct. 8.

Wash., Steilacoom — DORMITORY—Oct. 30, by State Dept. Business Control, Western State Hospital Dormitory, 3 story and basement, 70 x 140 ft., rein.-con. and brick. $150,000. J. Zittel, Auditorium Bldg., Spokane, archt.

Calif., Los Angeles—SCHOOL—Oct. 28, by Bd. Educ., 2 story, 95 x 160 ft., brick domestic science building, and 3 story, 121 x 161 ft., rein.-con. science building. $250,000. A. C. Martin, Higgins Bldg., archt.

BIDS RECEIVED

N. J., Camden—SCHOOLS—School Bd. Pensauken Twp., Oct. 13, general contract 2 story and basement, 50 x 212 ft. and 39 x 93 ft., rein.-con. and brick, plain foundation, Wistaria Ave. east of Lexington Ave., from H. J. Homan, 18th and Cherry Sts., Phila., Pa., $264,450; also school with same dimensions as above, 55th St. and South Forest Ave., from J. M. Yardley, 1730 Sansom St., Phila., Pa., $238,350. Noted Oct. 8.

Pa., Laurelton — DORMITORIES — Laurelton State Village for Feeble Minded, State Capitol, Harrisburg, Oct. 9, Buildings 5, 6 and 7, each 2½ story and basement, 84 x 100 ft., rein.-con., brick and steel, here, from F. K. Worley Corp., Wesley Bldg., Phila., $166,925. Noted Oct. 1.

Pa., Midland — HIGH SCHOOL — Bd. Educ., and W. G. Eckles Co., archts., New Castle, Oct. 12, 2 story and basement, brick on hollow tile high school, from Cook Anderson Co., Beaver, $176,000, **(Alernate 1)** add $54,000 **(2)** add $17,400 **(3)** add $1,600. Noted Oct. 1.

Pa., York—HIGH SCHOOL—Bd. Educ., D. N. Crider, secy. School Dist. Senior High School, 2 story and basement, 236 x 245 ft., rein.-con., brick and steel, Beaver and West College Ave., from Consolidated Eng. Co., Baltimore, Md., $719,000. Noted Oct. 1.

Md., Baltimore—SCHOOL—Bd. Awards, 1 story and basement, 63 x 244 ft., stone, between Collins and Lyndhurst Aves. near Edmondson Ave., from DeCou & Davis, 6 East Mulberry St., $151,890; also concrete foundation for city college building, Gorsuch and Montebello Aves., from C. L. Stockhausen Co., Gay and Water Sts., $143,800. Noted Oct. 8.

Mich., Detroit — HIGH SCHOOL — Bd. Educ., 1354 Bway. Ave., masonry and general contract 3 story and basement, 95 x 125 ft. and 50 x 110 ft., rein.-con. and brick, La Salle Blvd., from Martin & Krausman, 501 Guaranty Trust Bldg., $363,750; heating equipment, etc. from J. W. Partlan, 1255 West Park Pl., $81,600.

Mich., Detroit—School—Bd. Educ., 1354 Bway. Ave., W. Robinson School, 2 story and basement, 155 x 175 ft., rein.-con., brick and steel, plain foundation, Grover Ave., from Davis & McGonigle Co., Mackie St. Detroit, Toledo & Ironton R.R. tracks, $149,500. Noted Oct. 1.

Wis., Cudahy — HIGH SCHOOL — Bd. Educ., W. Rasche, pres., Oct. 10, masonry work, concrete and excavation for (1st unit) 2 story and basement, 60 x 60 ft. and 62 x 180 ft., brick and tile, plain foundation, from W. F. Tubesing Co., 373 Bway., Milwaukee, $53,447; carpentry, from Polasek Bros., 501 Armour Ave., $24,200; heating and ventilating, from Industrial Heating & Eng. Co., 490 Bway., Milwaukee, $30,960. Noted Oct. 1.

Neb., Omaha — GRADE SCHOOL — Bd. Educ., City Hall, general contract 2 story and basement, 110 x 173 ft., rein.-con. and brick, plain foundation, 25th and Meredith Ave., from J. Loff & Son, 2701 North 47th St. Archts. total est. $195,000.

Calif., San Francisco—SCHOOL—City and San Francisco Co., general contract Hawthorne School, Shotwell St., from Bond Constr. Co., 1st Natl. Bank Bldg., $231,260. Noted Sept. 17.

CONTRACTS AWARDED

N. H., Hillsboro—SCHOOL—Town, A. A. Holden, supt., 2 story and basement, 75 x 100 ft., brick, to J. Bergeron, Keene, N. H. Archts. est. $150,000.

Mass., Montague—SCHOOL—Town, J. J. Quinn, chn. building com., 2 story and basement, 82 x 118 ft., brick and stone, Crocker Ave., to G. N. Reed, Montague City Rd., Turners Falls. Archts. est. $150,000. Noted Oct. 8.

Mass., Northampton—SCHOOL—Church of Assumption, J. A. O'Malley, pastor, 2 story and basement, brick and stone school, to D. A. Sullivan, 78 Main St. Archts. est. $150,000.

Mass., Saugus—HIGH SCHOOL—Town, C. W. Hanson, chn. School Building Com., Junior High School, 2 story and basement, 76 x 95 ft., brick, Lincoln Ave., to R. W. Bean, Inc., 25 Exchange St., Lynn. Archts. est. $150,000. Noted Aug. 27.

Mass., South Boston (Boston P. O.) — CHURCH — Woodbury & Stuart, archts., 581 Boylston St., Boston, will build 1 story and basement, brick and stone, 4th and Atlantic Sts., here, by day labor, for Boston Missionary & Church Extension Society of Methodist Episcopal Church, 81 Boylston St. $150,000. Noted June 18.

Mass., Springfield—CHURCH—Our Lady of Hope Church, 95 x 100 ft., brick and steel church, to J. G. Roy & Sons, 21 Silver St. Archts. est. $150,000.

R. I., Bristol — SCHOOL — Guiteras School, R. H. Connery, chn. com., Colt Memorial School, 3 story and basement, 125 x 155 ft., brick, to E. Turgeon, 86 Weybosset St., Providence. Archts. est. to exceed $150,000. Noted Oct. 1.

Conn., Bridgeport — SCHOOL — State Trade School, John St., 2 story and basement, 80 x 370 ft., brick and steel, Kossuth St., to W. Martin & Son, 164 State St., $192,600. Noted Sept. 17.

Conn., Middletown — LIBRARY and LABORATORY — Wesleyan College, J. H. McConaughy, pres., 3 story, 40 x 165 ft. library, and 2 story, 35 x 125 ft. laboratory, both brick, steel, and limestone, plain foundation, to J. H. Mylchreest, 50 Brainard Ave. $200,000. Noted Sept. 24.

N. J., Springfield—SCHOOL—Bd. Educ., Newark, brick, steel and stone addition, plain foundation, Westfield Ave., here, to W. C. Phelps & Co., 21 Fulton St., Newark. Archts. est. $150,000. This corrects report in Oct. 1 issue.

Pa., Indiana—CHURCH—United Presbyterian Congregation, 615 School St., 1 and 3 story, 80 x 160 ft., granite or stone, Church St., to Hyde Murphy Co., Ridgeway, $167,500. Noted June 25.

Pa., Phila.—SCHOOL—St. Agnes Slovac Church, J. L. Yorke, pastor, 3 story and basement, 58 x 108 ft., rein.-con., brick and steel, plain foundation, 4th and Brown Sts., to Farrell-Roth Co., 123 South 21st St. Archts. est. $150,000. Noted Sept. 17.

Pa., Phila.—SCHOOL—Bd. Educ., 19th and Chestnut Sts., general contract 4 story and basement, 76½ ft. x 189½ ft. school, 23rd and Jefferson Sts., to W. H. Wehmeyer, 500 West Cumberland St., $385,975; heating, to Mechanical Equipment Co., 214 South 12th St., $41,964. Noted Oct. 15.

Del., Newark—DORMITORY—Delaware University, Auxiliary Assn., Dupont Bldg., Wilmington, 3½ story, 35 x 116 ft., brick dormitory, here, to J. H. Hutchinson, Newark, for Delaware University. $134,900. Noted Oct. 1.

O., Toronto—HIGH SCHOOL—Bd. Educ., general contract brick and limestone high school, to C. Shimp, Martins Ferry. Archts. est. $250,000. Noted June 25.

Mich., Muskegon Heights (br. of Muskegon) —SCHOOL — Bd. Educ., M. R. Walkley, secy., elementary and Junior high school, here, to Sorensen & Gross, Houseman Bldg., Grand Rapids, $179,759.

Wis., Milwaukee—CONVENT—St. Mary's Convent, 3502 Center St., 4 story and basement, 75 x 100 ft., brick and concrete addition, plain foundation, Center St., to A. Luettgen Co., 732 Deer Pl. Archts. est. $150,000. Noted Oct. 8.

Ia., Des Moines—CHURCH and SUNDAY SCHOOL — University Church of Christ, 4 story and basement, 92 x 127 ft., rein.-con., brick and stone, 25th and University Sts., to J. A. Benson Constr. Co., 422 Valley Natl. Bank Bldg., $220,000.

Kan., Hays — LIBRARY — Kansas State Teachers College, general contract 2 story and ground floor, 95 x 147 ft., rein.-con. and stone, to Murch Bros. Constr. Co., Ry. Exch. Bldg., St. Louis, Mo., $126,207. Noted Oct. 1.

Mo., St. Louis—CHURCH—West Park Baptist Congregation, 2 story and basement, 112 x 124 ft., concrete, brick and hollow tile, Hodiamont and Wells Aves., to W. MacDonald Constr. Co., 1311 Syndicate Trust Bldg. Archts. est. $150,000.

Tex., Houston — EXCHANGE — Southwestern Bell Telephone Co., Bway. and Locust St., St. Louis, Mo., general contract 2 story and basement (ultimately 7 story), rein.-con., brick and steel telephone exchange, here, to Universal Constr. Co., Houston. Archts. est. $175,000.

Calif., Colusa — HIGH SCHOOL — Colusa Union High School Dist. general contract for high school, to J. F. Shepherd, 1st Natl. Bank Bldg., Stockton, $103,696; brick work, to Larsen & Larsen, Monadnock Bldg., San Francisco, $31,105. Noted July 23.

B. C., Harrison Hot Springs—HOTEL—A. P. Anderson & E. J. Ryan, et al., 4 story, 100 x 120 ft., rein.-con. hotel, with natatorium, Harrison Lake, here, to E. J. Ryan Contg. Co., Ltd., 445 Granville St., Vancouver, $400,000 cost plus percentage basis.

B. C., Vancouver — HOSPITAL — City Council, 3 story 40 x 220 ft., rein.-con. isolation hospital, here, to A. C. McDougal & Sons, 718 Granville St., $179,800. Noted Sept. 10.

Ont., Aurora—COLLEGE—St. Andrews College, school buildings, dormitories, gymnasium, swimming pool, etc., to W. H. Yates Constr. Co., 17 Main St., East Hamilton. Noted Jan. 29.

Federal Government Work

PROPOSED WORK

Miss., Vicksburg—Levee—U. S. Engineer Office, rejected bids constructing Goodrich Levee, in Upper Tensas Levee Dist., La.

Calif., Mare Island—HOSPITAL—Spec. 5105—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans 4 additional buildings at Navy Yard Hospital, here. L. E. Gregory, ch.

Calif., San Francisco — Ice Machine, Generator, etc. — U. S. Government, at office constructing Quartermaster, Fort Mason, plans installing 15 ton ice machine, 150 kw. steam generator, and changing oil burner into power system, etc. at Letterman General Hospital, at San Francisco Presidio; also creosoted lumber and piling fender line at Transport Dock 2, here.

Calif., San Francisco—Federal—Treas. Dept., Wash., D. C., having preliminary sketches made by W. A. Newman, Hearst Bldg., for federal building providing additional quarters for post office, here. $2,000,000.

Calif., Soldiers Home (br. Sawtelle P. O.) — HOSPITAL — Treas. Dept. at office Supervising Archt., Wash., D. C., having plans prepared 7 story, 300 x 300 ft., rein.-con. hospital, here. $1,500,000.

BIDS DESIRED

N. Y., Fulton—Post Office—Nov. 12, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling and enlarging post office, here; adv. E. N.-R. Oct. 22.

Federal Government Work (Continued)

Fla., Mayport—Dwelling—Nov. 14, by U. S. Engineer Office, Masonic Temple Bldg., Jacksonville, constructing timber dwelling, here.

Ala., Florence—Floors—Oct. 30, by U. S. Engineer Office, cork tile composition floors at Wilson Dam, Tennessee River.

La., New Orleans—Lighting Plant—Oct. 27, by U. S. Engineer Office, Custom House, 110 v., d.c., 1,250- to 1,500-watt, electric lighting plant, without storage batteries, to carry at least twenty-five, 50 watt lamps, gasoline operated.

New Mexico—Bridge—Oct. 27, by J. W. Johnson, distr. engr. Bureau Pub. Rds., Dept. of Agriculture, 301 Custom House Bldg., Denver, Colo., constructing or improving Datil Reserve-Dry Creek Natl. Forest Rd. Project, San Francisco River Bridge Sect., in Gila Natl. Forest. Catron Co., here.

Calif., Rio Vista—Dredging—Nov. 12, by U. S. Engineer Office, Customhouse, San Francisco, dredging in Sacramento River, Area A, 200,000 cu.yd. and Area B, 250,000 cu.yd. excav.

BIDS RECEIVED

Mass., Beverly—Excavation—U. S. Engineer Office, Oct. 14, rock excav. in harbor, here, from Bridgeport Dredging & Dock Co., 1024 Main St., Bridgeport, Conn., at $19.50 per cu.yd. Noted Sept. 17.

N. Y., Brooklyn—Tile Deck—Spec. 5155—Bureau Yards & Docks, Navy Dept., Wash., D. C., Oct. 14, tile deck on Building E, here, from Estate of J. Bauer, 388 Wallabout St. (1) $3,248 (2) deduct $100 (3) deduct $75 (4) add $800. Noted Oct. 1.

N. Y., New York—Watermain—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., watermain in U. S. Veterans Hospital, Bronx, here, from C. DeBlasio, 339 South 7th Ave., Mt. Vernon, N. Y., $19,786. Noted Oct. 1.

Tenn., Tullahoma — Post Office — Treas. Dept. at office Supervising Archt., Wash., D. C., post office, here, from A. M. Lundberg, Times Bldg., St. Louis, Mo., $36,800. Noted Sept. 17.

CONTRACTS AWARDED

Conn., Stamford—Dredging—U. S. Engineer Office, Providence, R. I., dredging in Stamford Harbor, to J. S. Packard Dredging Co., 1004 Turks Head Bldg., Providence, R. I., $28,125. Noted Oct. 15.

N. Y., Staten Island—Acetylene Cylinders—Supt. Lighthouse, 150 acetylene cylinders, to Amer. Gas Accumulator Co., 100 East 42nd St., New York City, $74,070 (240 days). Noted Aug. 20.

Md., Baltimore—Roads—Treas. Dept. at office Supervising Archt., extending and remodeling roads at Marine Hospital, here, to Sloan Dickinson Co., 136 Liberty St., New York City, N. Y., $8,300. Noted Oct. 15.

Va., Norfolk—Suction Pipe—U. S. Engineer Office, suction and discharge pipe for U. S. Dredge "Currituck," to Newport News Shipbuilding & Dry Dock Co., Newport News, Va., $6,700. Noted Aug. 27.

Ala., Florence—Pressure Piping—U. S. Engineer Office, air pressure pipe system for navigation lock, Wilson Dam, to Newport News Shipbuilding & Dry Dock Co., Newport News, Va., $18,155. Noted Sept. 17.

Miss., Corinth—Post Office—Treas. Dept. at office Supervising Archt., Wash., D. C., repairs to post office, here, to Galyran Bros., Corinth, $5,566.

La., Minden—Post Office—Treas. Dept. at office Supervising Archt., Wash., D. C., footings for post office, here, to Universal Constr. Co., 316 De Wald St., Fort Wayne, Ind., $5,800 (90 days.)

Minn., Fairmont — Post Office — Treas. Dept., at office Supervising Archt., Wash., D. C., to F. R. Comb Co., 2115 Chicago Ave., Minneapolis, $48,755. Noted Oct. 8.

FEDERAL POWER COMMISSION

Applications for Licenses and Permits.

Applications

632—Monroe City, Sevier Co., Utah—Wants license for 147 hp. power project in Sevier Co.

633—Swayne, Leland & Turner, Royal Insurance Bldg., Room 805, San Francisco, Calif.—Wants preliminary permit power development in Jameson Creek, Plumas Co.

634—Roanoke River Power Co., Roanoke, Va.—Wants preliminary permit 53 ft. masonry concrete dam, with power house, in Roanoke River, Mecklenburg Co.

635—Missouri Hydro-Electric Power Co., Kansas City, Mo.—Wants preliminary permit 100 ft. dam, about 5 mi. below Arkansas-Missouri State Line in Eleven Point River, Oregon and Howell Counties, Mo., and Randolph Co., Ark.

636—Keystone Power Corp., 17 Wood St., Pittsburgh, Pa.—Wants license 78 mi. transmission line in Elk Co. crossing Allegheny Natl. Forest.

637—Chelan Electric Co., Seattle, Wash.—Wants license, power project in Chelan River, below town of Chelan, Chelan Co.

638—East Tennessee Development Co., Augusta, Me.—Wants preliminary permit power project in Tennessee, Clinch and Powell Rivers, Tennessee.

639—Washington Water Power Co., 825 Trent St., Spokane, Wash.—Wants license 5 mi. transmission line in Shoshone Co., Idaho.

640—West Florida Power Co., Tallahassee, Fla.—Wants preliminary permit power development in Ocklocknee River, Leon and Gadsden Counties.

641 to 645—E. L. Hill, 235 West Forsyth St., and C. L. Spencer, 47 Buckman Bldg., Jacksonville, Fla.—Wants preliminary permits Okefenokee Storage Pond, Trail Ridge, Traders Hill, Suwanhachee and Suwannee Projects, forming comprehensive development, in Georgia and Florida providing in addition to power, navigable channel from Atlantic Ocean to Gulf of Mexico.

Unclassified

PROPOSED WORK

Playground — West Roxbury (Boston P. O.), **Mass.** — Dept. Pub. Wks., Boston, plans school playground, Wren St., here. $25,000. J. A. Rourke, comr.

Resort—Bath, N. C.—F. H. and A. L. Bowers, Washington, plan resort known as Bayside, incl. 1 mi. beach, boardwalk, piers, casino, cottages, roads, etc., here.

Lighting System — Biloxi, Miss. — See "Streets and Roads."

Swimming Pool—Pass Christian, Miss.—See "Buildings—Commercial."

Park Improvement—New Orleans, La.—Comn. Council plans to purchase 1,055 acres in rear city park and extend from park proper to Lake Pontchartrain, for new park, $2,000,000; also fireproof auditorium on newly acquired property. M. Behrman, mayor.

Passenger Landing—New Orleans, La.—Bd. Port Comrs., New Courthouse, plans new passenger landing, foot Canal St. Approximately $125,000.

Golf Course — Stevens Point, Wis. — W. E. Atwell, 1010 Clark St., (organizing new club) plans golf course, here. $30,000. L. Macomber, 108 South La Salle St., Chicago, Ill., engr.

Transmission Line—Oklahoma—Nowata Pub. Serv. Co., W. A. Clark, mgr., soon takes bids 53,000 volt transmission line from Nowata to Tulsa, etc. $300,000. Private plans.

Grain Elevator—Enid, Okla—C. Munn had preliminary plans prepared 500,000 bu. capacity terminal grain elevator along tracks St. Louis & San Francisco R.R. $1,000,000. Engineer not selected.

Power Plant Equipment—Fresno, Calif.—San Joaquin Light & Power Co., Light & Power Bldg., plans to purchase 2 water wheels, one on each end of generator shaft, 40,000 hp., total capacity; horizontal generator 33,000 kva. capacity; two 200 kw. exciters, 6 truck type oil switches, motor operated disconnect switches, transformers, also 1,500 tons steel penstock, etc., all above for Balch Creek Power plant.

Ice Rink—Toronto, Ont.—University of Toronto, Queens Park, plans 1 and 2 story, 144 x 260 ft. artificial ice rink, concrete and brick. $200,000. T. R. London, Confederation Life Bldg., Toronto, engr.

BIDS DESIRED

Heating and Ventilating — Cambridge (Boston P. O.)—**Mass.**—Hegeman Harris Co., Inc., (contractors), 360 Madison Ave., New York City, taking bids heating and ventilating system in business group buildings, on Charles River near Stadium, here, for Harvard University. To exceed $25,000. McKim, Mead & White, 101 Park Ave., New York City, archts.

Baseball Field, Grand Stand, etc.—Williamsport, Pa.—J. W. Bowman, chn. Williamsport Holding Co., taking bids for baseball field with 47 x 320 ft. grandstand, 4,000 seating capacity, dressing rooms, etc. Dresser Designing Co., Cleveland, O., archts.

Rotary Kiln—Bellefonte, Pa.—See "Contracts Awarded."

BIDS RECEIVED

Inspection Shed — Corona (ind. Sta. Flushing), **N. Y.**—Bd. Transportation, 49 Lafayette St., New York City, Oct. 16, inspection shed enclosure at Corona Yard, here, from Riverdale Constr. Co., 1440 Bway., New York City, $235,000. Noted Oct. 15.

Ferryboat — New York, N. Y. — W. W. Mills, comr. Plant & Structures, Municipal Bldg., Oct. 19, steel steam screw ferryboat, from Staten Island Shipbuilding Co., 3075 Richmond Terrace, Port Richmond, $724,300. Noted Oct. 8.

Foundation—Baltimore, Md.—See "Buildings—Educational, Religious."

CONTRACTS AWARDED

Heating and Ventilating System—Boston, Mass. — Bd. Trustees Boston Sanitarium, City Hall, heating and ventilating system in out patient building, 57-61 Concord St., to Pierce & Cox, 143 Kingston St., $18,264. Noted Sept. 10.

Overhead Crossing—Comstock, N. Y.—State Hy. Dept., Albany, overhead crossing at Flatrock grade crossing, near here, to J. W. Holler Constr. Co., Fort Edward, N. Y. $125,000. Engrs. est. $150,000.

Subways — Flushing, N. Y. — Bd. Transportation, 49 Lafayette St., New York City, tracks for portion Flushing extension of Queensboro Rapid Transit R.R. near intersection of Main St. and Roosevelt Ave., here, to T. H. Reynolds, 50 Park Pl., New York City, $45,485. Noted Oct. 15.

Subway—New York, N. Y.—Bd. Transportation, 49 Lafayette St., constructing Sect. 4, Route 102 along and under 8th Ave. from West 38th to 47th Sts., to C. H. Locher, 149 Bway., $7,666,222. Noted Oct. 15.

Subway—New York, N. Y.—Bd. Transportation, 49 Lafayette St., installation tracks for portion of Queensboro Subway line, to T. H. Reynolds Constr. Co., 50 Park Pl., $23,800. Noted Oct. 8.

Rotary Kiln — Bellefonte, Pa. — Amer. Lime & Stone Co., will build 9 x 175 ft. rotary kiln, by day labor, under supervision of A. C. Hewitt, engr.; Bellefonte.

Park — Phila., Pa. — Dept. Pub. Wks., improving East League Island Park in 39th Ward, incl. grading, running track, etc., to Stange Constr. Co., 2031 South Broad St., $81,393. Noted Oct. 8.

Tunnel—Cleveland, O.—Halle Bros. Co., Euclid Ave., 60 ft. structural steel and rein.-con. tunnel, 60 ft. under Huron Rd., to Hunkin-Conkey Co., Hunkin-Conkey Bldg. Archts. est. $50,000. Noted Oct. 15.

Conduits — Detroit, Mich. — Bd. Fire Commissioners, Wayne and Larned Sts. 1, 2 and 4 duct conduits in various streets, to R. A. Mercier, 5435 Wesson Ave., Detroit, $51,000.

Foundation—Marquette, Mich.—Michigan Gas & Electric Co., E. G. Jones, mgr., concrete foundation for 100,000 cu.ft. gas holder tanks, to Meads & Anderson, Marquette.

Foundation—Chicago, Ill.—See "Buildings—Commercial under Bids Desired."

Swimming Pool — Aurora, Ont. — See "Buildings—Educational, Religious."

Materials

BIDS DESIRED

Piling, etc.—Grand Forks, N. D.—Nov. 4, by C. J. Evanson, city aud., 56 pieces 32 ft., 110 pieces 51 ft. and 208 pieces 42 ft. piling, 6,000 cu.yd. loose rock, 1,500 cu.yd. gravel, etc. for dam in Red River of the North. Noted Feb. 26.

BIDS RECEIVED

Cement—Boston, Mass.—Supply Dept., 700 bbl. Atlas lumnite cement, from Massachusetts Lime & Cement Co., Cambridge, $7.45 per bbl. Noted Oct. 8.

Fuel Oil—Long Island City, N. Y.—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Oct. 13, 20,000 gal. fuel oil to Bureau of Highways, from Standard Oil Co. of New York, 26 Bway., New York City, $1,200. Noted Oct. 8.

CONTRACTS AWARDED

Fuel Oil—Boston, Mass.—Supply Dept., City Hall, about 5,461,000 gal. heavy fuel oil, to Beacon Oil Co., 111 Devonshire St., Boston, $0.0475 per gal.

Castings—New York, N. Y.—J. Miller, pres. Manhattan Boro, Municipal Bldg., iron casting, to Corporation Yards, to Campbell Fdry. Co., 313 Manor Ave., Harrison, N. J., $5,266. Noted Oct. 15.